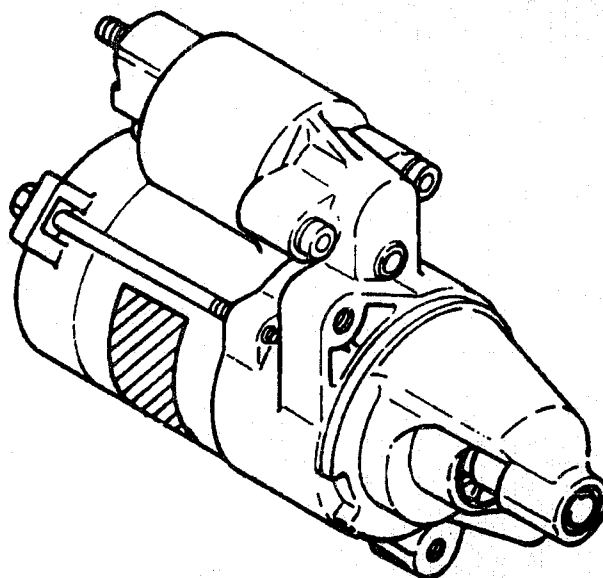


PRODUCT GUIDE

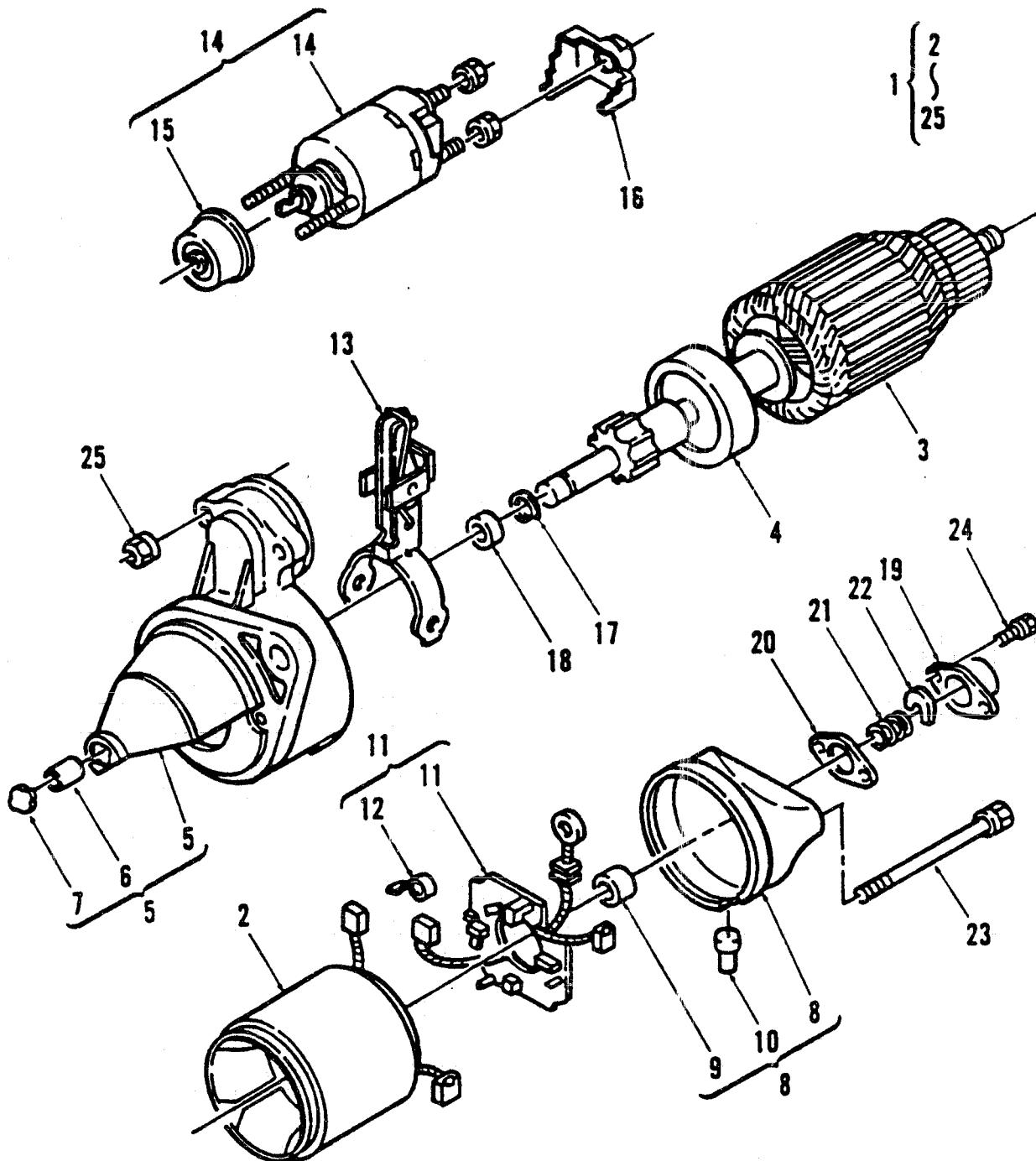
Starter Index



UsefulCDs

<http://stores.ebay.com/UsefulCDs>

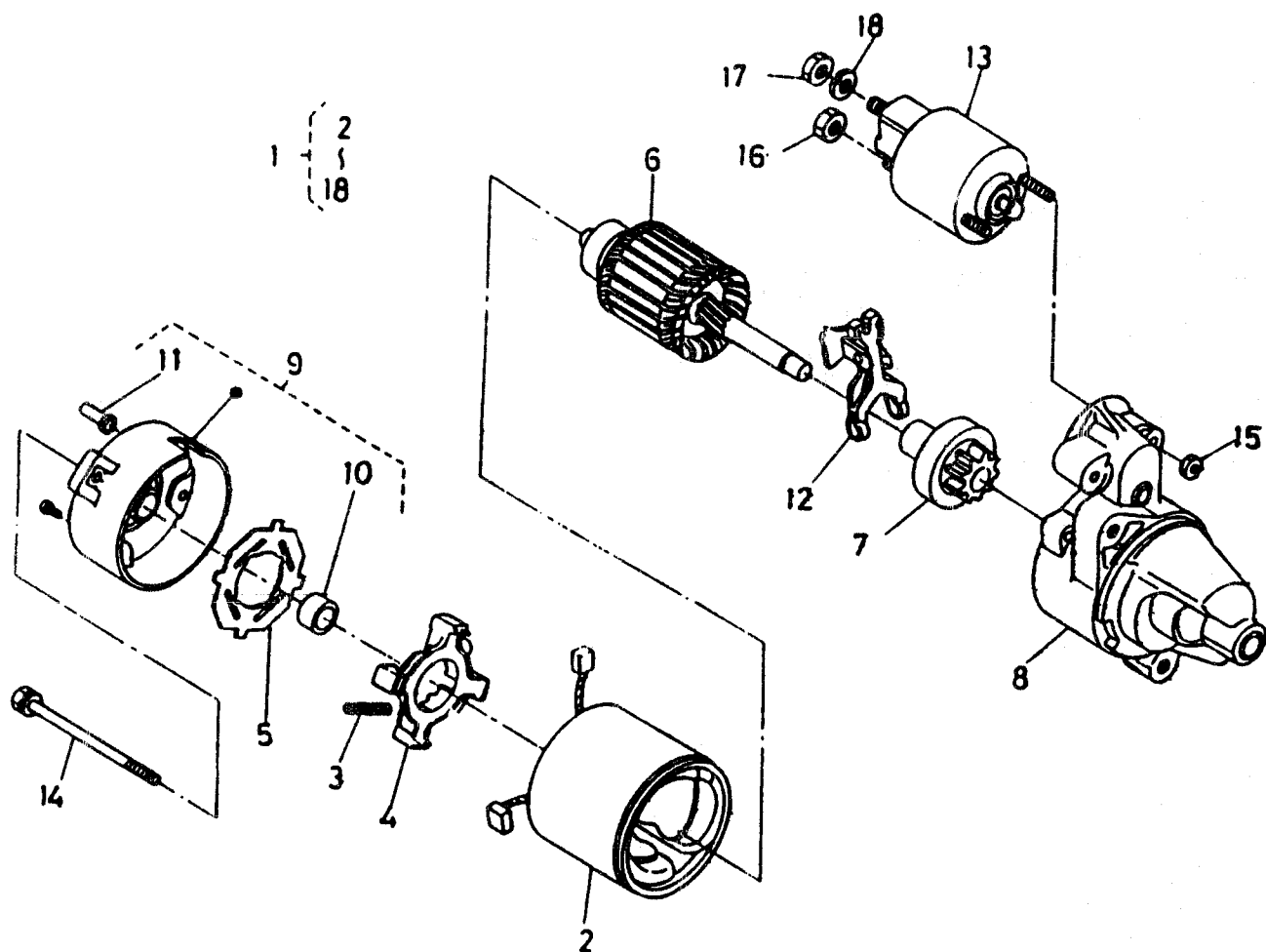
185-2116



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|----------------------------|
| 1 | 185-2116 | 1 | Starter, Complete - 12 VDC |
| 2 | 185-2322 | 1 | Coil, Field |
| 3 | 185-2321 | 1 | Armature |
| 4 | 185-2319 | 1 | Clutch |
| 5 | 185-2118 | 1 | Housing, End - Drive |
| 6 | 185-2295 | 1 | Bushing, Sleeve |
| 7 | 185-2335 | 1 | Cover |
| 8 | 185-2326 | 1 | Housing, End - Brush |
| 9 | 185-2327 | 1 | Bushing, Sleeve |
| 10 | 185-2119 | 1 | Cover |
| 11 | 185-2329 | 1 | Rig. Brush |
| 12 | 185-2330 | 4 | Spring |
| 13 | 185-2320 | 1 | Lever, Drive |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---------------------------|
| 14 | 185-2117 | 1 | Solenoid |
| 15 | 185-2331 | 1 | Cover, Plunger |
| 16 | 185-2323 | 1 | Insulator, Terminal |
| 17 | 185-2111 | 1 | Ring, Retaining |
| 18 | 185-2195 | 1 | Spacer, Sleeve |
| 19 | 185-2332 | 1 | Housing |
| 20 | 185-2333 | 1 | Gasket |
| 21 | 185-2325 | 1 | Spring |
| 22 | 185-2324 | 1 | Clip, Retaining |
| 23 | 185-2328 | 2 | Bolt, Hex |
| 24 | 185-2383 | 2 | Screw, Machine - Pan Head |
| 25 | 185-2334 | 2 | Nut, Hex |

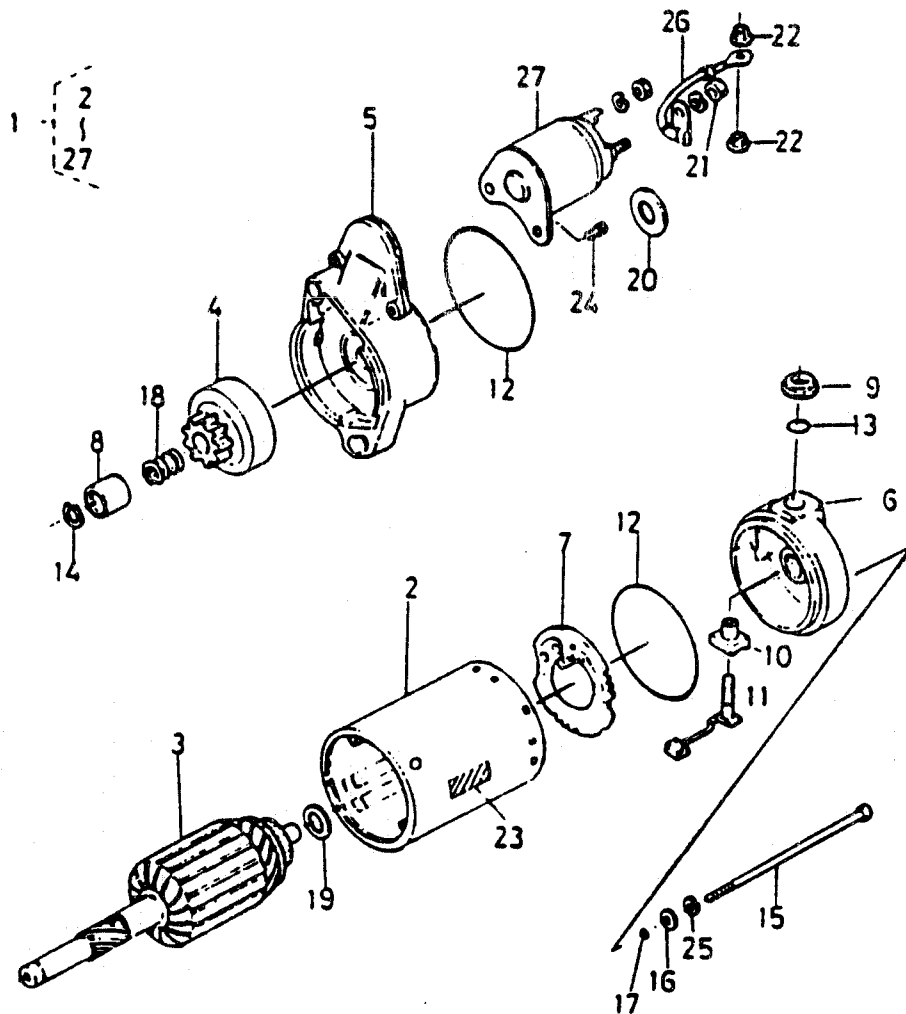
185-2493



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------|
| 1 | 185-2493 | 1 | Starter, Complete |
| 2 | 185-2659 | 1 | Frame |
| 3 | 185-2662 | 4 | Spring, Brush |
| 4 | 185-2661 | 1 | Holder, Brush |
| 5 | 185-2664 | 1 | Insulator |
| 6 | 185-2657 | 1 | Armature |
| 7 | 185-2713 | 1 | Clutch |
| 8 | 185-2706 | 1 | Housing |
| 9 | 185-2707 | 1 | Frame, Commutator |

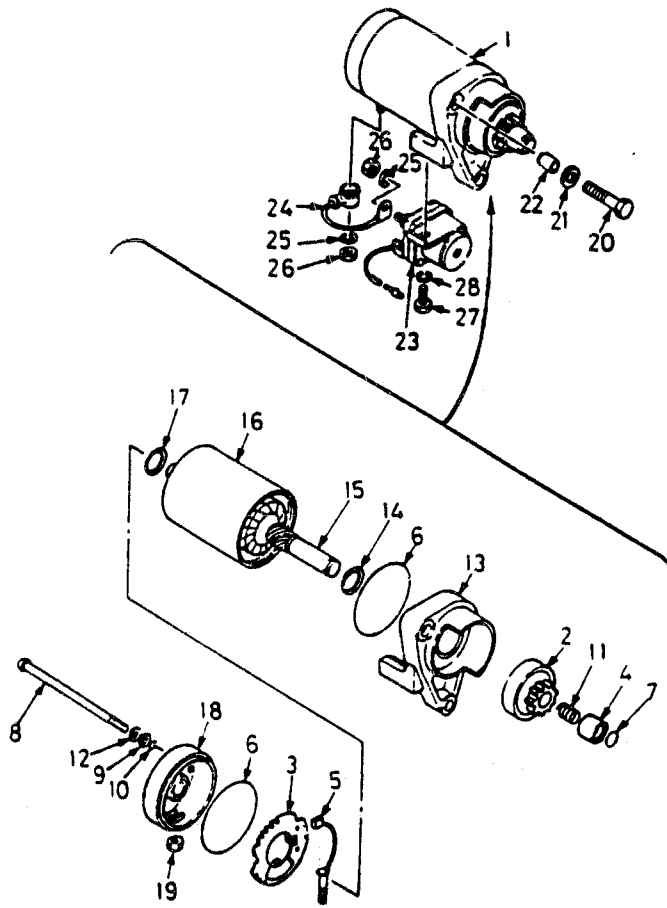
| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|------------------|
| 10 | 185-2663 | 1 | Bearing |
| 11 | 185-2965 | 1 | Cover |
| 12 | 185-2656 | 1 | Lever, Drive |
| 13 | 185-2658 | 1 | Solenoid |
| 14 | 185-2660 | 2 | Bolt, Through |
| 15 | 185-2334 | 2 | Nut |
| 16 | 185-2669 | 1 | Nut |
| 17 | 185-2367 | 1 | Nut |
| 18 | 185-2381 | 1 | Washer, Spring |

185-2937



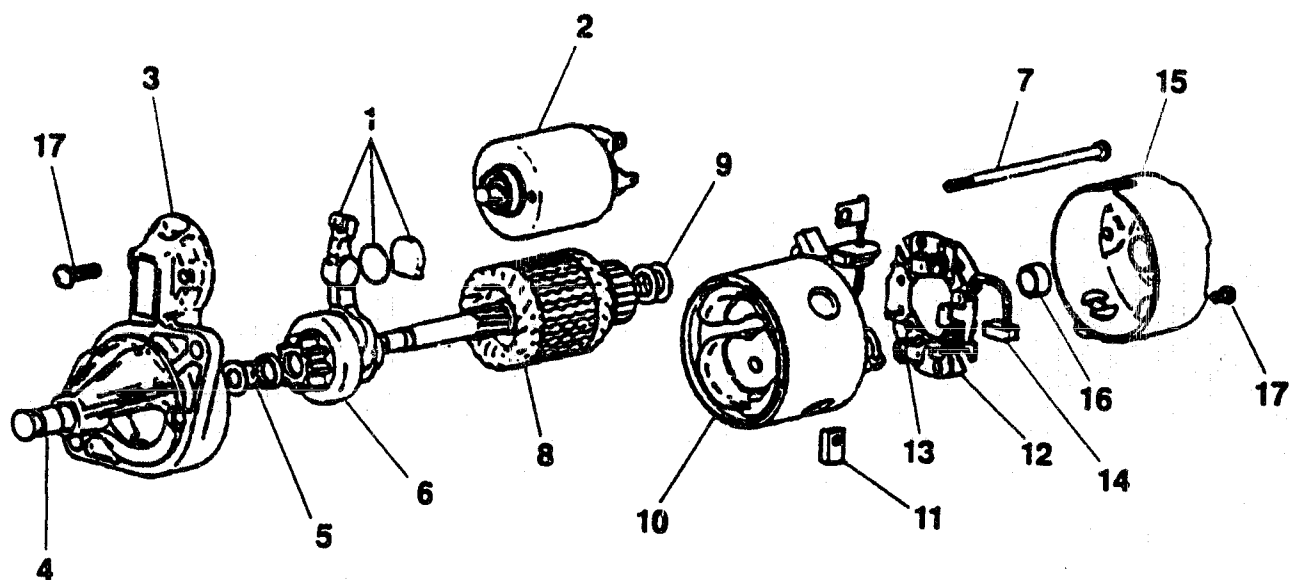
| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--------------------|---------|----------|----------|------------------|
| 1 | 185-2937 | 1 | Starter, Complete | 15 | 185-2740 | 2 | Bolt, Through |
| 2 | 185-2736 | 1 | Yoke | 16 | 185-2743 | 2 | Washer |
| 3 | 185-2734 | 1 | Armature | 17 | 185-2750 | 2 | O-Ring |
| 4 | 185-2733 | 1 | Clutch | 18 | 185-2747 | 1 | Spring |
| 5 | 185-5253 | 1 | Housing | 19 | 185-2936 | 2 | Washer |
| 6 | 185-2745 | 1 | Frame | 20 | 185-2744 | 1 | Washer |
| 7 | 185-2742 | 1 | Holder | 21 | 185-2961 | 1 | Nut |
| 8 | 185-2746 | 1 | Nut, Stop - Pinion | 22 | 185-2751 | 2 | Nut |
| 9 | 185-2738 | 1 | Bushing | 23 | 185-2938 | 1 | Nameplate |
| 10 | 185-2739 | 1 | Bushing | 24 | 185-2735 | 2 | Screw |
| 11 | 185-2741 | 1 | Brush | 25 | 185-2752 | 2 | Washer, Spring |
| 12 | 185-2748 | 2 | O-Ring | 26 | 185-2960 | 1 | Lead |
| 13 | 185-2749 | 1 | O-Ring | 27 | 185-2753 | 1 | Solenoid |
| 14 | 185-2737 | 1 | Ring, Snap | | | | |

185-4324



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------|---------|----------|----------|------------------|
| 1 | 185-4324 | 1 | Starter, Complete | 15 | 185-4937 | 1 | Armature |
| 2 | 185-4325 | 1 | Clutch | 16 | 185-4938 | 1 | Yoke |
| 3 | 185-4326 | 1 | Holder, Brush | 17 | 185-4939 | 1 | Washer, Plate |
| 4 | 185-4327 | 1 | Ring, Stop | 18 | 185-4940 | 1 | Frame |
| 5 | 185-4328 | 1 | Brush | 19 | 185-4941 | 1 | Nut |
| 6 | 185-4329 | 2 | Gasket | 20 | 185-4156 | 2 | Bolt |
| 7 | 185-4330 | 1 | Ring | 21 | 185-3065 | 2 | Washer, Plain |
| 8 | 185-4331 | 2 | Bolt | 22 | 185-4336 | 2 | Pin, Dowel |
| 9 | 185-4332 | 2 | Washer | 23 | 185-4337 | 1 | Solenoid |
| 10 | 185-4333 | 2 | O-Ring | 24 | 185-4338 | 1 | Lead |
| 11 | 185-4334 | 1 | Spring | 25 | 185-2380 | 3 | Washer, Spring |
| 12 | 185-4335 | 2 | Washer | 26 | 185-3026 | 3 | Nut |
| 13 | 185-4935 | 1 | Housing | 27 | 185-4339 | 1 | Bolt |
| 14 | 185-4936 | 1 | Washer, Plate | 28 | 185-2380 | 3 | Washer, Spring |

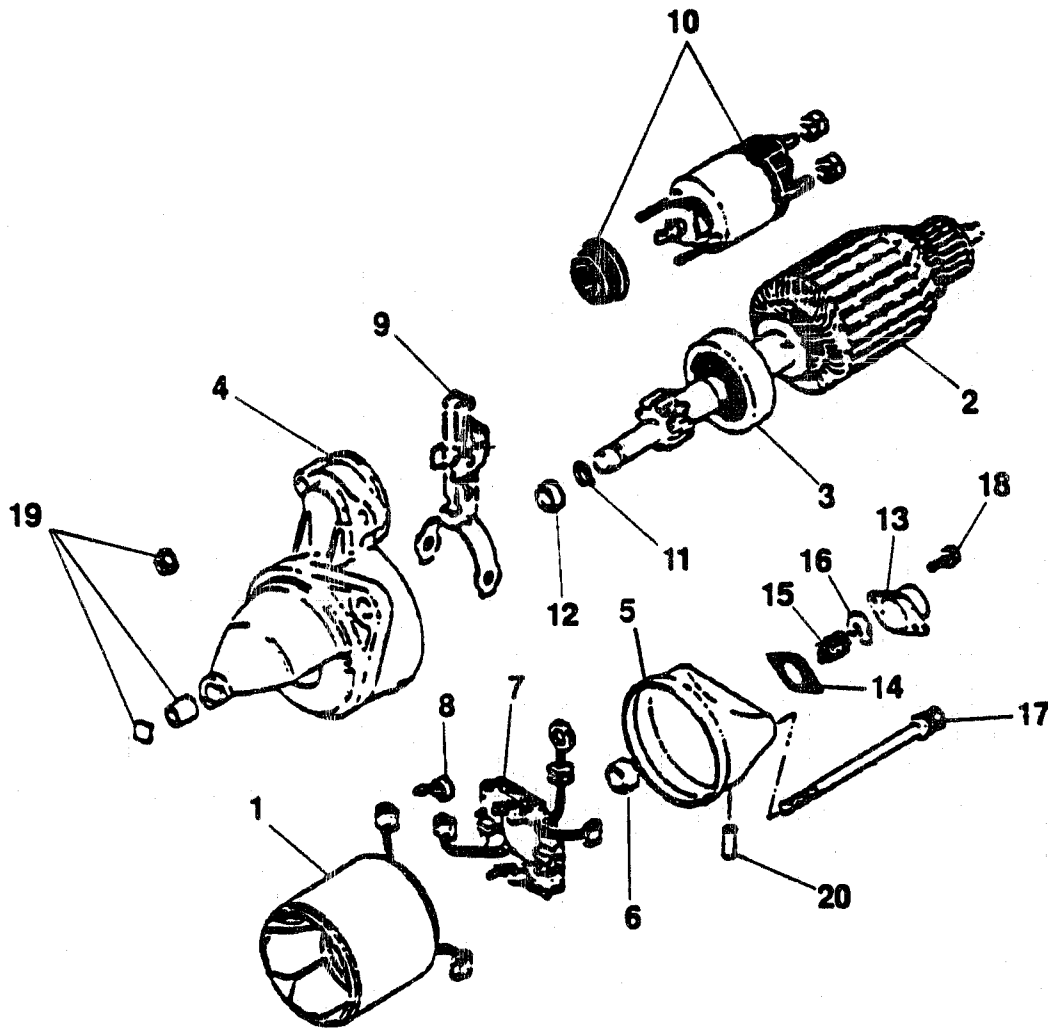
185-5429



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--------------------|
| 1 | 185-5589 | 1 | Lever, Drive |
| 2 | 185-5590 | 1 | Solenoid |
| 3 | 185-5591 | 1 | Frame, End - Drive |
| 4 | 185-5592 | 1 | Bushing |
| 5 | 185-5593 | 1 | Stopper |
| 6 | 185-5594 | 1 | Clutch |
| 7 | 185-5595 | 2 | Bolt, Through |
| 8 | 185-5596 | 1 | Armature |
| 9 | 185-5597 | 1 | Washer, Adjusting |

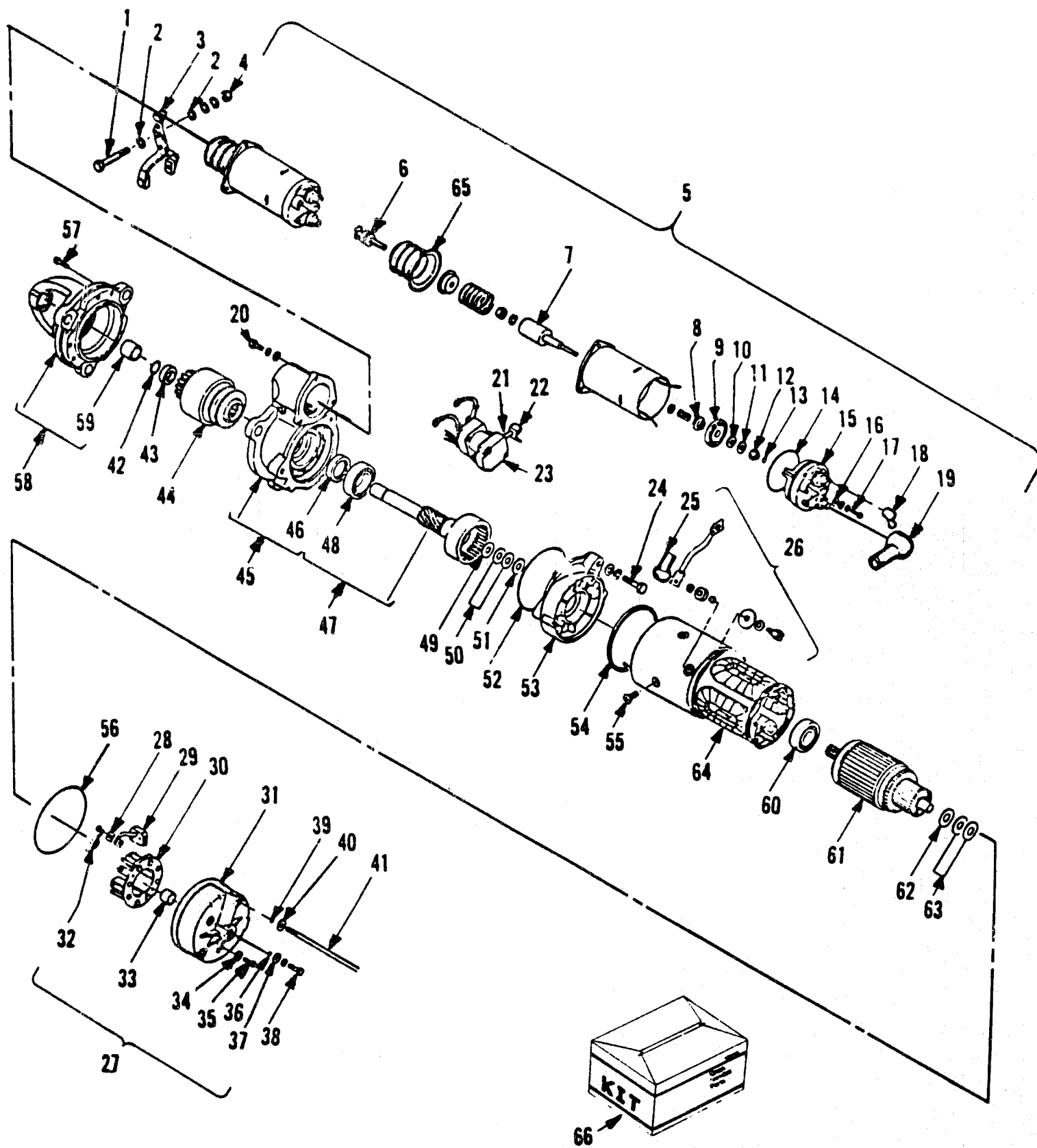
| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---------------------------|
| 10 | 185-5598 | 1 | Coil, Field |
| 11 | 185-5599 | 2 | Brush |
| 12 | 185-5600 | 1 | Holder, Brush |
| 13 | 185-5601 | 3 | Spring, Brush |
| 14 | 185-5602 | 1 | Brush |
| 15 | 185-5603 | 1 | Bracket |
| 16 | 185-5604 | 1 | Bushing |
| 17 | 185-5605 | 1 | Screw, Machine - Pan Head |

185-5430



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|------------------|---------|----------|----------|---------------------------|
| 1 | 185-2322 | 1 | Coil, Field | 11 | 185-2111 | 1 | Ring, Retaining |
| 2 | 185-2321 | 1 | Armature | 12 | 185-2195 | 1 | Bushing |
| 3 | 185-2319 | 1 | Clutch | 13 | 185-2332 | 1 | Cap, Frame |
| 4 | 185-2118 | 1 | Housing | 14 | 185-2333 | 1 | Gasket |
| 5 | 185-2326 | 1 | Frame, End | 15 | 185-2325 | 1 | Spring, Brake |
| 6 | 185-2327 | 1 | Bushing | 16 | 185-2324 | 1 | Shoe, Brake |
| 7 | 185-2329 | 1 | Holder, Brush | 17 | 185-2328 | 2 | Bolt, Through |
| 8 | 185-2330 | 4 | Spring, Brush | 18 | 185-2383 | 2 | Screw, Machine - Pan Head |
| 9 | 185-2320 | 1 | Lever, Drive | 19 | 185-2334 | 2 | Nut, Hex |
| 10 | 185-2117 | 1 | Solenoid | 20 | 185-5825 | 1 | Tube, Breather |

186-0437

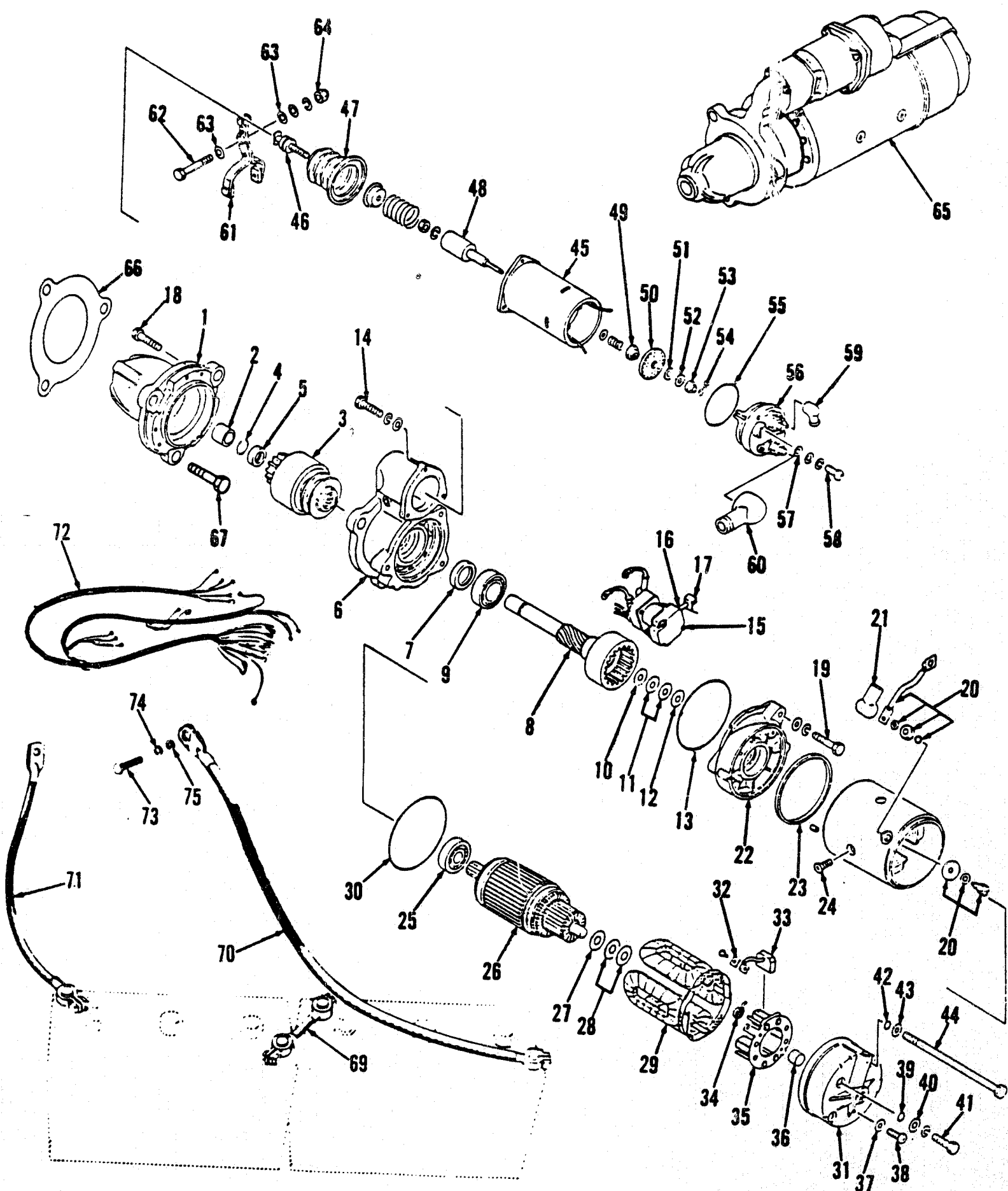


186-0437

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------------|---------|----------|----------|---|
| 1 | 186-0047 | 1 | Pin, Lever - Threaded | 35 | 186-0623 | 1 | Bolt, Hex Head |
| 2 | 186-0030 | 2 | Seal | 36 | 186-0624 | 2 | *Seal, O-Ring |
| 3 | 186-0598 | 1 | Lever, Shift | 37 | 186-0625 | 2 | Washer, Flat |
| 4 | 186-0599 | 1 | Nut, Hex | 38 | 186-0626 | 2 | Bolt, Hex Head |
| 5 | 186-0476 | 1 | Solenoid | 39 | 186-0627 | 2 | *Seal, O-Ring |
| 6 | 186-0600 | 1 | Screw, Plunger | 40 | 186-0628 | 2 | Washer, Flat |
| 7 | 186-0601 | 1 | Plunger | 41 | 186-0629 | 2 | Bolt, Hex Head |
| 8 | 186-0602 | 1 | Bushing | 42 | 186-0630 | 1 | Ring, Retaining |
| 9 | 186-0603 | 1 | Contact | 43 | 186-0631 | 1 | Stop, Pinion |
| 10 | 186-0604 | 1 | Washer, Insulator | 44 | 186-0479 | 1 | Clutch |
| 11 | 186-0605 | 2 | Washer, Flat | 45 | 186-0632 | 1 | Bracket, Center |
| 12 | 186-0606 | 1 | Holder | 46 | 186-0633 | 1 | Seal, Oil |
| 13 | 186-0607 | 2 | Ring, Retaining | 47 | 186-0634 | 1 | Shaft |
| 14 | 186-0608 | 1 | *Seal, O-Ring | 48 | 186-0477 | 1 | Bearing, Ball |
| 15 | 186-0609 | 1 | Terminal | 49 | 186-0635 | 1 | Washer, Thrust |
| 16 | 186-0610 | 2 | Seal | 50 | 186-0636 | 2 | Washer, Thrust |
| 17 | 186-0611 | 2 | Bolt, Hex Head | 51 | 186-0637 | 1 | Washer, Insulator |
| 18 | 186-0042 | 1 | *Cap, Rubber (Terminal Cover) | 52 | 186-0638 | 1 | *Seal, O-Ring |
| 19 | 186-0612 | 1 | *Cap, Rubber (Terminal Cover) | 53 | 186-0639 | 1 | Bracket, Center |
| 20 | 186-0613 | 3 | Bolt, Hex Head | 54 | 186-0640 | 1 | *Seal |
| 21 | 186-0018 | 1 | Bolt, Hex Head | 55 | 186-0641 | 4 | Screw, Flat Head - Cross Recessed |
| 22 | 186-0614 | 1 | Holder, Switch | 56 | 186-0642 | 1 | *Seal, O-Ring |
| 23 | 186-0475 | 1 | Switch | 57 | 186-0029 | 6 | Bolt, Hex Head |
| 24 | 186-0615 | 3 | Bolt, Hex Head | 58 | 186-0643 | 1 | Housing, Front |
| 25 | 186-0041 | 1 | *Cap, Rubber (Terminal Cover) | 59 | 186-0483 | 1 | Bushing, Sleeve |
| 26 | 186-0616 | 1 | Terminal | 60 | 186-0478 | 1 | Bearing, Ball |
| 27 | 186-0617 | 1 | Housing, Rear | 61 | 186-0644 | 1 | Armature |
| 28 | 186-0618 | 4 | Plate | 62 | 186-0645 | 1 | Washer, Flat |
| 29 | 186-0480 | 4 | Brush | 63 | 186-0646 | 2 | Washer, Thrust |
| 30 | 186-0619 | 4 | Holder, Brush | 64 | 186-0647 | 1 | Coil, Field |
| 31 | 186-0620 | 1 | Housing | 65 | 186-0648 | 1 | Boot, Rubber |
| 32 | 186-0621 | 4 | Spring, Brush | 66 | 186-0481 | 1 | Package, Seal (Includes Parts Marked *) |
| 33 | 186-0482 | 1 | Bushing, Sleeve | | | | |
| 34 | 186-0622 | 1 | Seal | | | | |

* Parts included in 186-0481 Seal Package Assembly.

186-1502

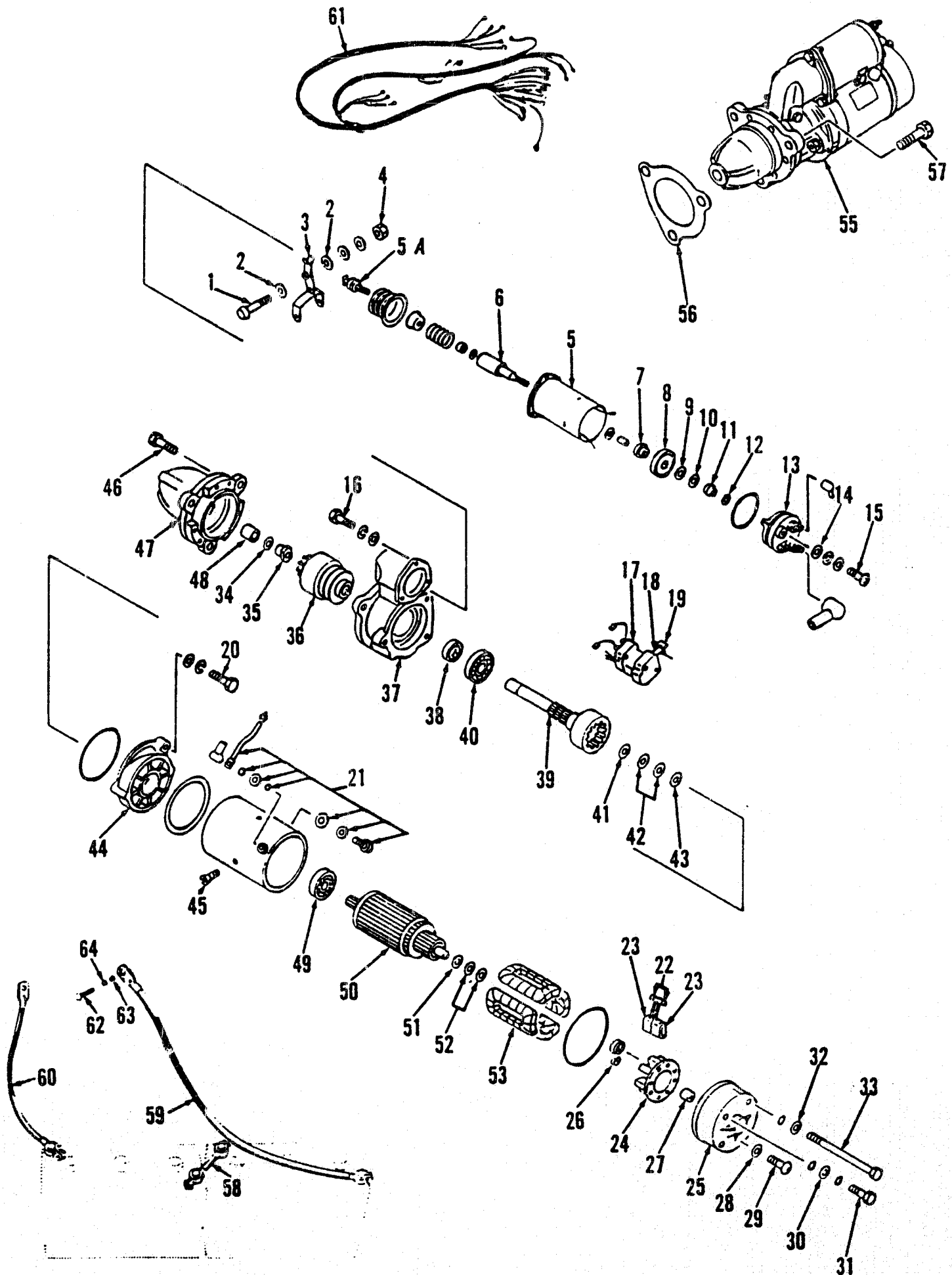


186-1502

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|---------|----------|----------|---|
| 1 | 186-0643 | 1 | *Bracket Assembly, Front (Includes Front Bearing) | 39 | 186-0624 | 2 | **Seal, O-Ring |
| 2 | 186-0483 | 1 | *Bearing, Front | 40 | 186-0625 | 2 | **Washer |
| 3 | 186-0479 | 1 | *Clutch Assembly, Over Running | 41 | 186-0626 | 2 | **Bolt |
| 4 | 186-0630 | 1 | *Ring, Clip | 42 | 186-0627 | 2 | **Seal, O-Ring |
| 5 | 186-0631 | 1 | *Stopper, Pinion | 43 | 186-0628 | 2 | *Washer |
| 6 | 186-0632 | 1 | *Bracket Assembly, Center (Includes Oil Seal) | 44 | 186-1509 | 2 | *Bolt, Through |
| 7 | 186-0633 | 1 | *Seal, Oil | 45 | 186-0476 | 1 | *Switch Assembly, Magnetic (Includes Parts Marked +) |
| 8 | 186-0634 | 1 | *Shaft Assembly (Includes Bearing) | 46 | 186-0600 | 1 | ++Screw |
| 9 | 186-0477 | 1 | *Bearing, Ball | 47 | 186-0648 | 1 | ++Cap, Gum |
| 10 | 186-0054 | 1 | *Washer | 48 | 186-0601 | 1 | ++Plunger |
| 11 | 186-0055 | 2 | *Washer, Adjust | 49 | 186-0602 | 1 | ++Bushing, Insulate |
| 12 | 186-0637 | 1 | *Washer, Insulate | 50 | 186-0603 | 1 | ++Contactor, Moving |
| 13 | 186-0036 | 1 | *Seal, O-Ring | 51 | 186-0604 | 1 | ++Washer, Insulate |
| 14 | 186-0613 | 3 | *Bolt | 52 | 186-0605 | 2 | ++Washer, Adjust |
| 15 | 186-1508 | 1 | *Switch, Relay - Safety (Includes Bolt, And Holder) | 53 | 186-0606 | 1 | ++Holder |
| 16 | 186-0018 | 1 | *Bolt | 54 | 186-0607 | 2 | ++Ring, Clip |
| 17 | 186-0614 | 1 | *Holder | 55 | 186-0608 | 1 | ++Seal, O-Ring |
| 18 | 186-0029 | 6 | *Bolt | 56 | 186-0609 | 1 | ++Terminal |
| 19 | 186-0615 | 3 | *Bolt | 57 | 186-0610 | 2 | ++Washer, Seal |
| 20 | 186-0616 | 1 | *Terminal | 58 | 186-1510 | 2 | ++Screw |
| 21 | 186-0041 | 1 | *Cap, Gum | 59 | 186-0042 | 1 | *Cap, Gum |
| 22 | 186-0639 | 1 | *Bracket, Center | 60 | 186-0612 | 1 | *Cap, Gum |
| 23 | 186-0640 | 1 | *Packing | 61 | 186-1557 | 1 | *Lever, Shift |
| 24 | 186-0641 | 4 | *Screw, Dish | 62 | 186-0047 | 1 | *Pin, Lever |
| 25 | 186-0478 | 1 | *Bearing, Ball | 63 | 186-0030 | 2 | *Washer, Seal |
| 26 | 186-0644 | 1 | *Armature | 64 | 186-0599 | 1 | *Nut |
| 27 | 186-0645 | 1 | *Washer | 65 | 186-1502 | 1 | Motor Assembly, Starting (Includes Parts Marked *) |
| 28 | 186-0646 | 2 | *Washer, Adjust | 66 | 186-1503 | 1 | Gasket |
| 29 | 186-0647 | 1 | *Coil, Field | 67 | 186-1501 | 3 | Bolt |
| 30 | 186-0642 | 1 | *Seal, O-Ring | 68 | 186-0617 | 1 | Bracket Assembly, Rear (Includes Parts Marked #) |
| 31 | 186-0620 | 1 | **Bracket, Rear | 69 | 416-0619 | 1 | Cable, Battery - 18" |
| 32 | 186-0618 | 4 | **Plate | 70 | 416-0618 | 1 | Cable, Battery - 42" |
| 33 | 186-0480 | 4 | **Brush | 71 | 416-0473 | 1 | Cable, Battery - 27" |
| 34 | 186-0621 | 4 | **Spring, Brush | 72 | 338-1883 | 1 | Harness, Wiring - Control To Engine |
| 35 | 186-0619 | 1 | **Holder, Brush | 73 | 800-2085 | 1 | Screw, Cap - Hex Head (M10 x 1.5 x 20mm) |
| 36 | 186-0482 | 1 | **Bearing, Rear | 74 | 850-2010 | 1 | Washer, Lock (M10) |
| 37 | 186-0610 | 1 | **Washer, Seal | 75 | 856-0010 | 1 | Washer, EIT (3/8) |
| 38 | 186-0623 | 1 | **Screw | | | | |

* Parts included in 186-1502 Starting Motor Assembly.
Parts included in 186-0617 Rear Bracket Assembly.
+ Parts included in 186-0476 Magnetic Switch Assembly.

186-1764



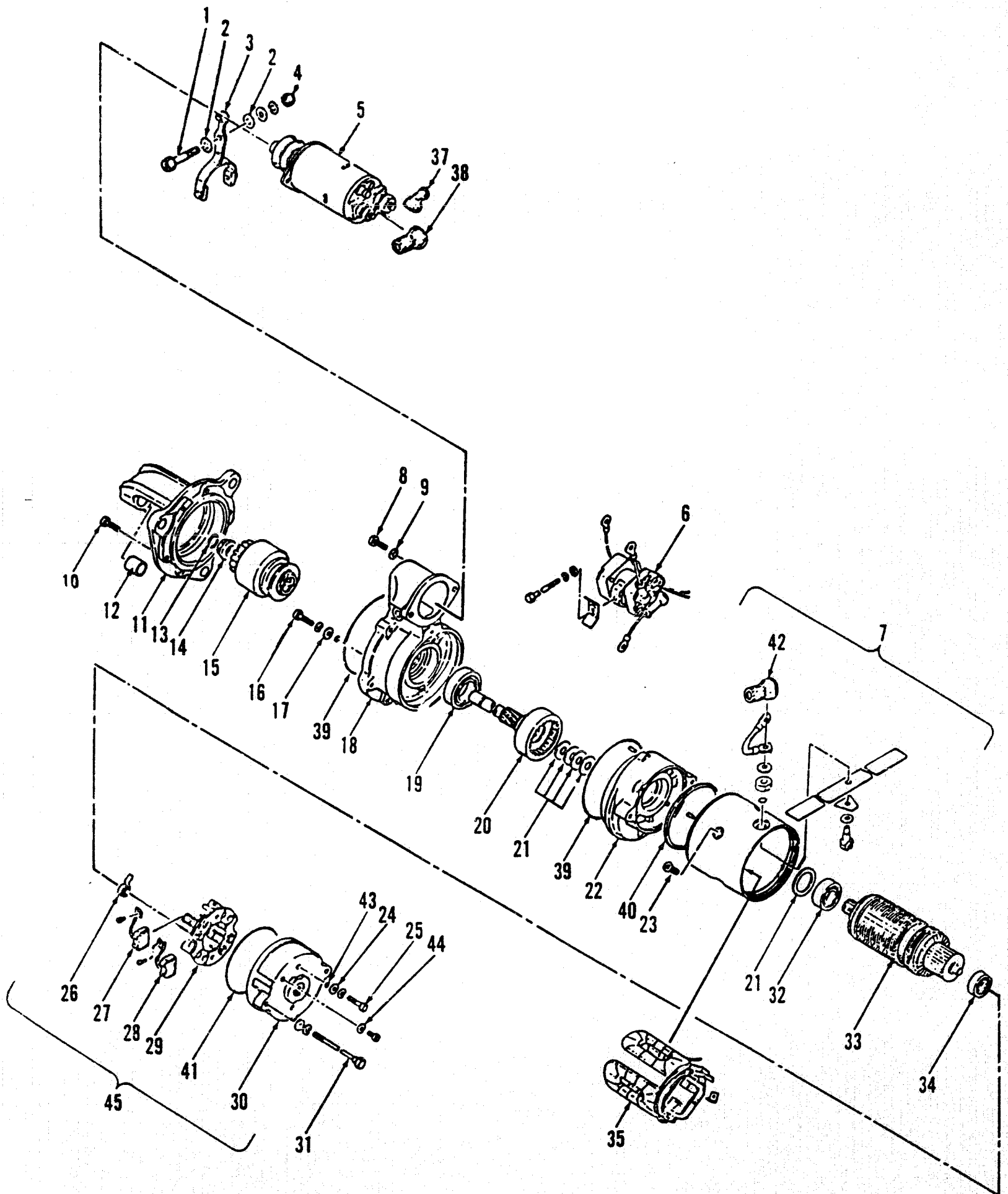
186-1764

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| 1 | 186-1634 | 1 | *Pin, Lever |
| 2 | 186-0030 | 2 | *Washer, Seal |
| 3 | 186-1649 | 1 | *Lever, Shift |
| 4 | 186-0599 | 1 | *Nut |
| 5 | 186-0476 | 1 | *Switch Assembly, Magnetic (Includes Parts Marked +) |
| 6 | 186-0601 | 1 | ++Plunger |
| 7 | 186-0602 | 1 | ++Bushing, Insulate |
| 8 | 186-0603 | 1 | ++Contactor, Moving |
| 9 | 186-0604 | 1 | ++Washer, Insulate |
| 10 | 186-0605 | 2 | ++Washer |
| 11 | 186-0606 | 1 | ++Holder |
| 12 | 186-0607 | 2 | ++Ring, Clip |
| 13 | 186-0609 | 1 | ++Terminal Assembly |
| 14 | 186-1632 | 2 | ++Washer, Seal |
| 15 | 186-1510 | 2 | ++Screw |
| 16 | 186-0613 | 3 | *Bolt |
| 17 | 186-1635 | 1 | *Switch, Relay - Safety (Includes Bolt, and Holder) |
| 18 | 186-1629 | 1 | *Bolt |
| 19 | 186-0614 | 1 | *Holder |
| 20 | 186-0615 | 3 | *Bolt |
| 21 | 186-1663 | 1 | *Terminal Assembly |
| 22 | 186-0618 | 4 | *Plate |
| 23 | 186-0480 | 4 | *Brush |
| 24 | 186-0619 | 1 | *Holder, Brush |
| 25 | 186-0620 | 1 | *Bracket |
| 26 | 186-0621 | 4 | *Spring, Brush |
| 27 | 186-0482 | 1 | *Bearing |
| 28 | 186-0610 | 1 | *Washer, Seal |
| 29 | 186-1633 | 1 | *Screw |
| 30 | 186-0625 | 2 | *Washer |
| 31 | 186-0626 | 2 | *Bolt |
| 32 | 186-0628 | 2 | *Washer |
| 33 | 186-1509 | 2 | *Bolt |
| 34 | 186-0630 | 1 | *Ring, Clip |
| 35 | 186-0631 | 1 | *Stopper, Pinion |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| 36 | 186-0479 | 1 | *Clutch Assembly, Running - Over |
| 37 | 186-0632 | 1 | *Bracket, Center (Includes Oil Seal) |
| 38 | 186-0633 | 1 | *Seal, Oil |
| 39 | 186-0634 | 1 | *Shaft Assembly (Includes Ball Bearing) |
| 40 | 186-0477 | 1 | *Bearing, Ball |
| 41 | 186-0054 | 1 | *Washer |
| 42 | 186-0055 | 2 | *Washer |
| 43 | 186-0637 | 1 | *Washer, Insulate |
| 44 | 186-0639 | 1 | *Bracket, Center |
| 45 | 186-0641 | 4 | *Screw, Dish |
| 46 | 186-0029 | 6 | *Bolt |
| 47 | 186-0643 | 1 | *Bracket, Front (Includes Bearing) |
| 48 | 186-0483 | 1 | *Bearing |
| 49 | 186-0478 | 1 | *Bearing, Ball |
| 50 | 186-0644 | 1 | *Armature |
| 51 | 186-0645 | 1 | *Washer |
| 52 | 186-0646 | 2 | *Washer |
| 53 | 186-0647 | 1 | *Coil, Field |
| 54 | 186-0481 | 1 | *Seal Assembly (Not Illustrated) |
| 55 | 186-1764 | 1 | Motor Assembly, Starting (Includes Parts Marked *) |
| 56 | 186-1503 | 1 | Gasket |
| 57 | 186-1501 | 3 | Bolt |
| 58 | 416-0871 | 1 | Cable, Battery (33") |
| 59 | 416-0619 | 1 | Cable, Battery (18") |
| 60 | 416-0672 | 1 | Cable, Battery (29") |
| 61 | 338-1951 | 1 | Harness, Wiring - Engine |
| 62 | 718-1053 | 1 | Screw, Cap - Hex Head (M10 x 1.5 x 20mm) |
| 63 | 850-2010 | 1 | Washer, Lock (M10) |
| 64 | 856-0010 | 1 | Washer, Lock - EIT (M10) |
| 65 | 186-0600 | 1 | ++Screw |

* Parts included in 186-1764 Starting Motor Assembly.
+ Parts included in 186-0476 Magnetic Switch Assembly.

186-2095



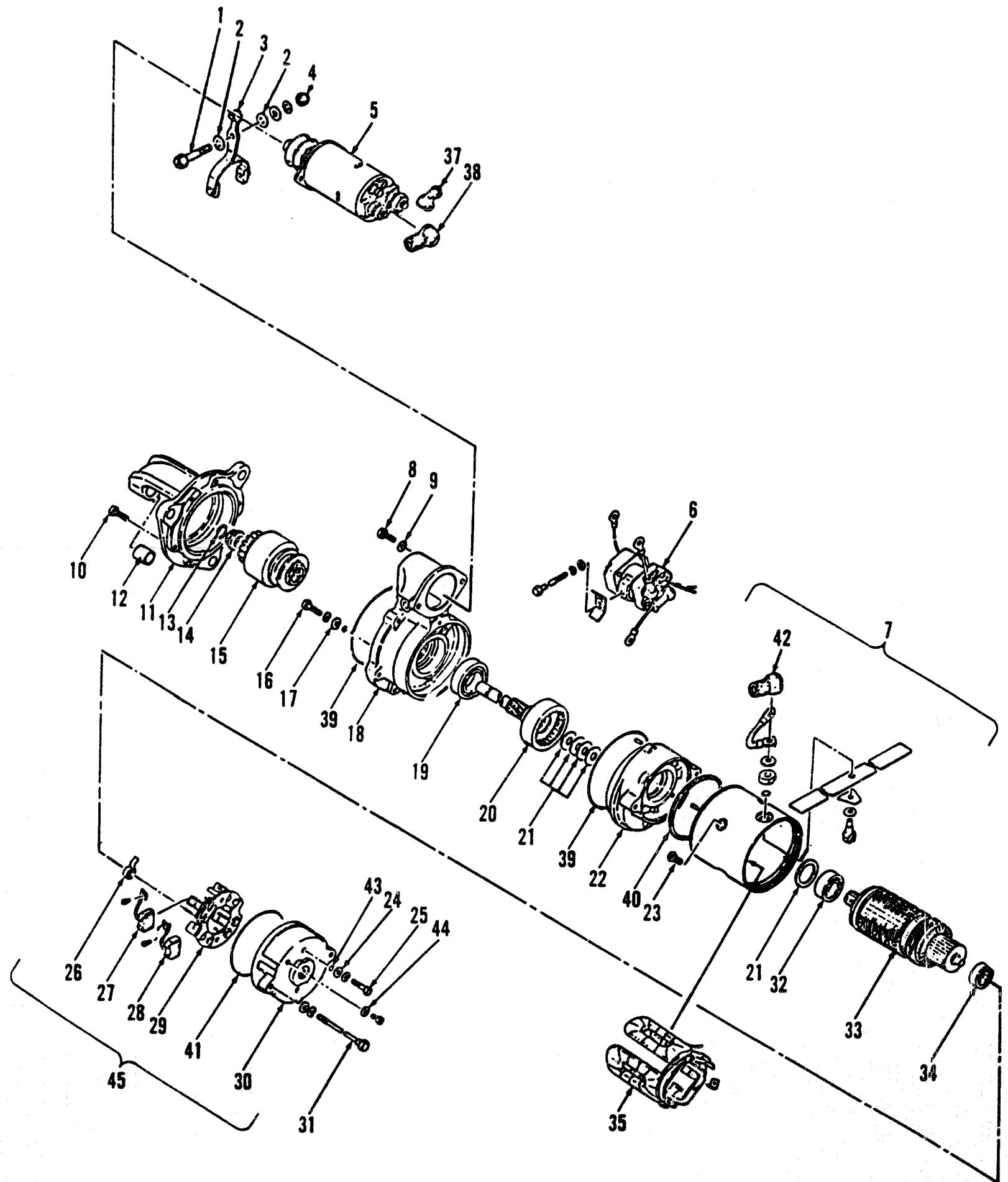
186-2095

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|
| 1 | 186-0047 | 1 | Pin, Lever - Threaded |
| 2 | 186-0030 | 2 | Seal |
| 3 | 186-2128 | 1 | Lever, Shift |
| 4 | 186-0599 | 1 | Nut, Hex |
| 5 | 186-0476 | 1 | Solenoid |
| 6 | 186-0475 | 1 | Switch |
| 7 | 186-2129 | 1 | Terminal Assembly (Does Not Include Rubber Cap) |
| 8 | 186-0027 | 2 | Bolt, Hex Head |
| 9 | 186-0665 | 1 | Washer, Lock - Spring |
| 10 | 186-0941 | 6 | Bolt, Hex Head |
| 11 | 186-2130 | 1 | Housing, Front |
| 12 | 186-0075 | 1 | Bushing, Sleeve |
| 13 | 186-0666 | 1 | Ring, Retaining |
| 14 | 186-0667 | 1 | Stop, Pinon |
| 15 | 186-0944 | 1 | Clutch |
| 16 | 186-0668 | 3 | Bolt, Hex Head |
| 17 | 186-0628 | 3 | Washer, Flat |
| 18 | 186-2131 | 1 | Bracket, Center |
| 19 | 186-2135 | 1 | Bearing, Ball |
| 20 | 186-2133 | 1 | Shaft |
| 21 | 186-2141 | 1 | Washer Set, Thrust |
| 22 | 186-0672 | 1 | Bracket, Center |
| 23 | 186-0028 | 4 | Screw, Flat Head |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| 24 | 186-0625 | 2 | Washer, Flat |
| 25 | 186-0626 | 2 | Bolt, Hex Head |
| 26 | 186-0053 | 4 | Spring |
| 27 | 186-0051 | 2 | Brush |
| 28 | 186-0675 | 2 | Brush |
| 29 | 186-0020 | 1 | Holder, Brush |
| 30 | 186-0077 | 1 | Housing, Rear |
| 31 | 186-0021 | 2 | Bolt, Hex Head |
| 32 | 186-2138 | 1 | Bearing, Ball |
| 33 | 186-2137 | 1 | Armature |
| 34 | 186-2139 | 1 | Bearing, Ball |
| 35 | 186-0045 | 1 | Coil, Field |
| 36 | 186-2140 | 1 | Seal Set, O-Ring (Includes Parts Marked *) |
| 37 | 186-0042 | 1 | *Cap, Rubber |
| 38 | 186-0612 | 2 | *Cap, Rubber |
| 39 | 186-0036 | 2 | *Seal, O-Ring |
| 40 | 186-0682 | 1 | *Gasket |
| 41 | 186-0683 | 1 | *Seal, O-Ring |
| 42 | 186-0041 | 1 | *Cap, Rubber |
| 43 | 186-0680 | 2 | *Seal, O-Ring |
| 44 | 186-0610 | 1 | *Seal, Washer |
| 45 | 186-2136 | 1 | Bracket Assembly, Rear (Includes Rear Housing) |

* Parts included in 186-2140 O-Ring Seal Set.

186-2096



186-2096

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|
| 1 | 186-0047 | 1 | Pin, Lever - Threaded |
| 2 | 186-0030 | 2 | Seal |
| 3 | 186-2128 | 1 | Lever, Shift |
| 4 | 186-0599 | 1 | Nut, Hex |
| 5 | 186-0476 | 1 | Solenoid |
| 6 | 186-0475 | 1 | Switch |
| 7 | 186-2129 | 1 | Terminal Assembly (Does Not Include Rubber Cap) |
| 8 | 186-0027 | 2 | Bolt, Hex Head |
| 9 | 186-0665 | 1 | Washer, Lock - Spring |
| 10 | 186-0941 | 6 | Bolt, Hex Head |
| 11 | 186-0046 | 1 | Housing, Front |
| 12 | 186-0075 | 1 | Bushing, Sleeve |
| 13 | 186-0666 | 1 | Ring, Retaining |
| 14 | 186-0667 | 1 | Stop, Pinon |
| 15 | 186-2132 | 1 | Clutch |
| 16 | 186-0668 | 3 | Bolt, Hex Head |
| 17 | 186-0628 | 3 | Washer, Flat |
| 18 | 186-2131 | 1 | Bracket, Center |
| 19 | 186-2135 | 1 | Bearing, Ball |
| 20 | 186-2134 | 1 | Shaft |
| 21 | 186-2141 | 1 | Washer Set, Thrust |
| 22 | 186-0672 | 1 | Bracket, Center |
| 23 | 186-0028 | 4 | Screw, Flat Head |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| 24 | 186-0625 | 2 | Washer, Flat |
| 25 | 186-0626 | 2 | Bolt, Hex Head |
| 26 | 186-0053 | 4 | Spring |
| 27 | 186-0051 | 2 | Brush |
| 28 | 186-0675 | 2 | Brush |
| 29 | 186-0020 | 1 | Holder, Brush |
| 30 | 186-0077 | 1 | Housing, Rear |
| 31 | 186-0021 | 2 | Bolt, Hex Head |
| 32 | 186-2138 | 1 | Bearing, Ball |
| 33 | 186-2137 | 1 | Armature |
| 34 | 186-2139 | 1 | Bearing, Ball |
| 35 | 186-0045 | 1 | Coil, Field |
| 36 | 186-2140 | 1 | Seal Set, O-Ring (Includes Parts Marked *) |
| 37 | 186-0042 | 1 | *Cap, Rubber |
| 38 | 186-0612 | 2 | *Cap, Rubber |
| 39 | 186-0036 | 2 | *Seal, O-Ring |
| 40 | 186-0682 | 1 | *Gasket |
| 41 | 186-0683 | 1 | *Seal, O-Ring |
| 42 | 186-0041 | 1 | *Cap, Rubber |
| 43 | 186-0680 | 2 | *Seal, O-Ring |
| 44 | 186-0610 | 1 | *Seal, Washer |
| 45 | 186-2136 | 1 | Bracket Assembly, Rear (Includes Rear Housing) |

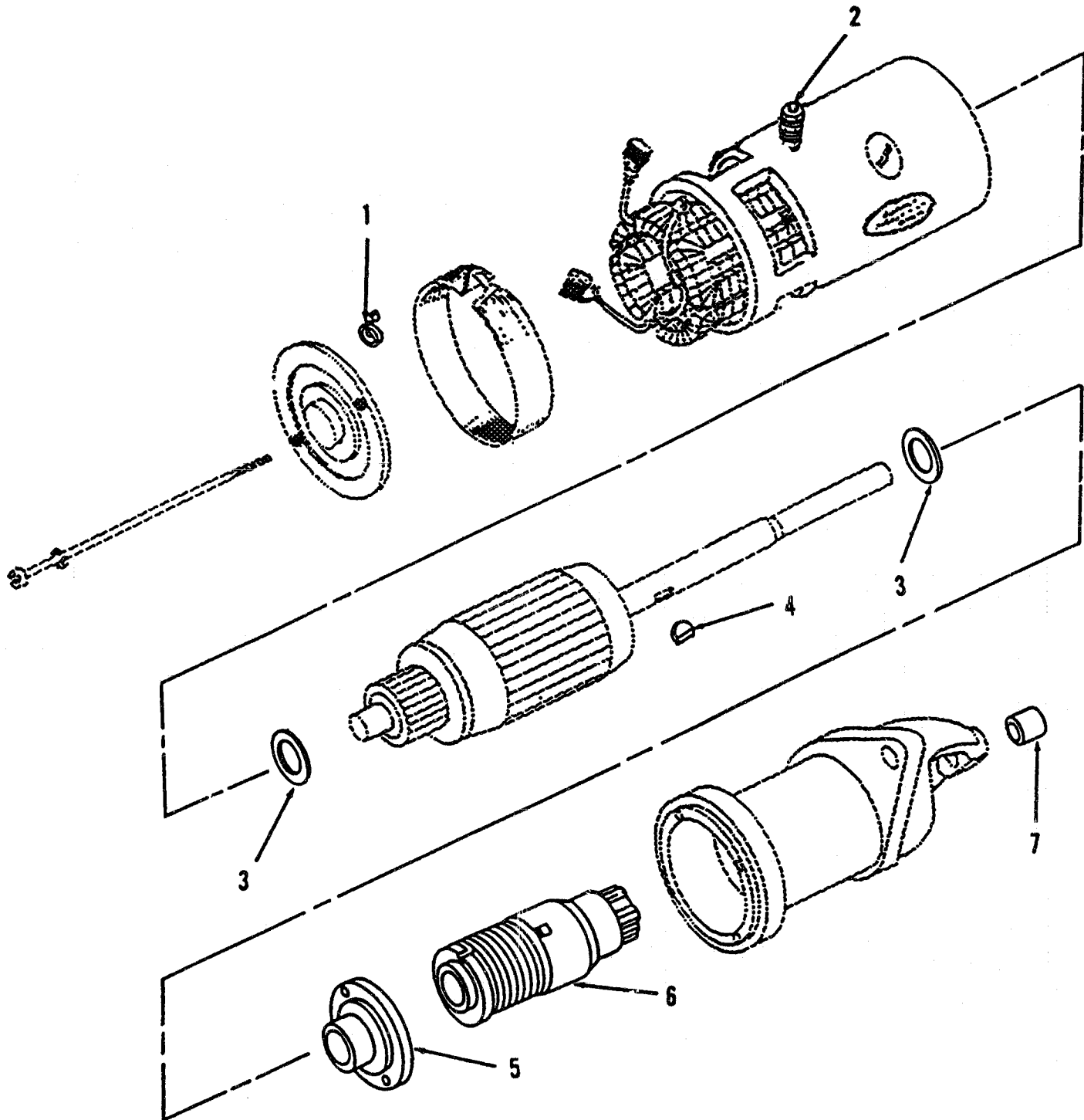
* Parts included in 186-2140 O-Ring Seal Set.

191-0024

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| 1 | 191-0017 | 1 | Brush Set, Service |
| 2 | 191-0121 | 1 | Clutch, Starter |
| 3 | 860-0017 | 4 | Nut, Hex - Switch Terminal Stud (3/8-16) |
| 4 | 862-0002 | 1 | Nut, Hex - Yoke Pivot (5/16-18) |
| 5 | 813-0097 | 4 | Screw, Round Head - Dust Cover (#10-32 x 3/8") |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------------------|
| 6 | 191-0019 | 4 | Spring, Brush - Commutator End Head |
| 7 | 307-0098 | 1 | Switch, Solenoid |
| 8 | 854-0010 | 4 | Washer, Cover - Dust |
| 9 | 526-0060 | 1 | Washer, Stud - Terminal (3/8") |

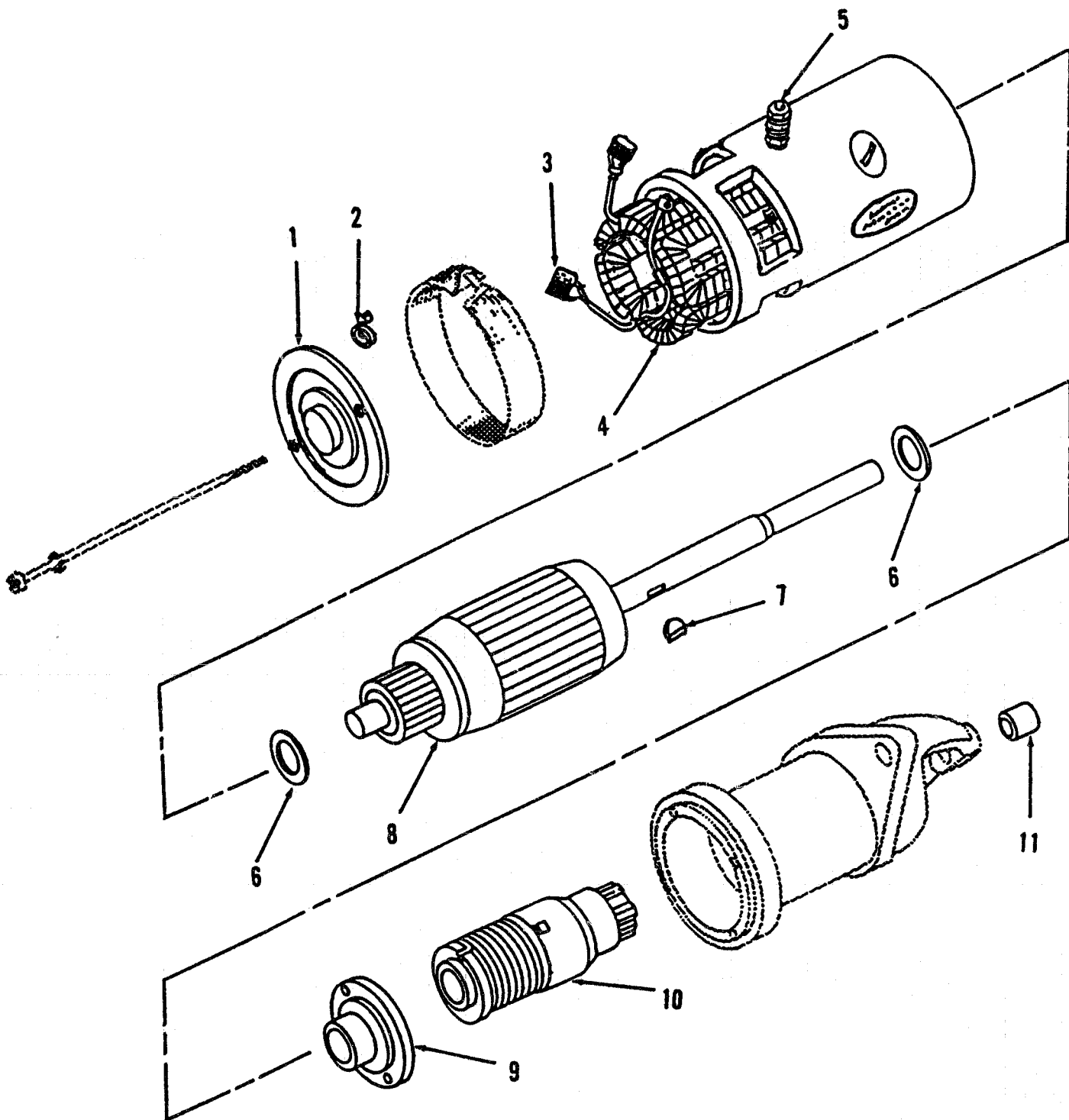
191-0135



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------|
| 1 | 191-1020 | 1 | Spring Set, Brush |
| 2 | 191-1022 | 1 | Stud Assembly, Terminal |
| 3 | 191-1021 | 1 | Washer Set, Thrust |
| 4 | 515-0094 | 1 | Key, Woodruff (#6) |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------|
| 5 | 191-1019 | 1 | Bearing, Intermediate |
| 6 | 191-0271 | 1 | Drive Assembly, Inertia |
| 7 | 191-0735 | 1 | Bearing, Sleeve |

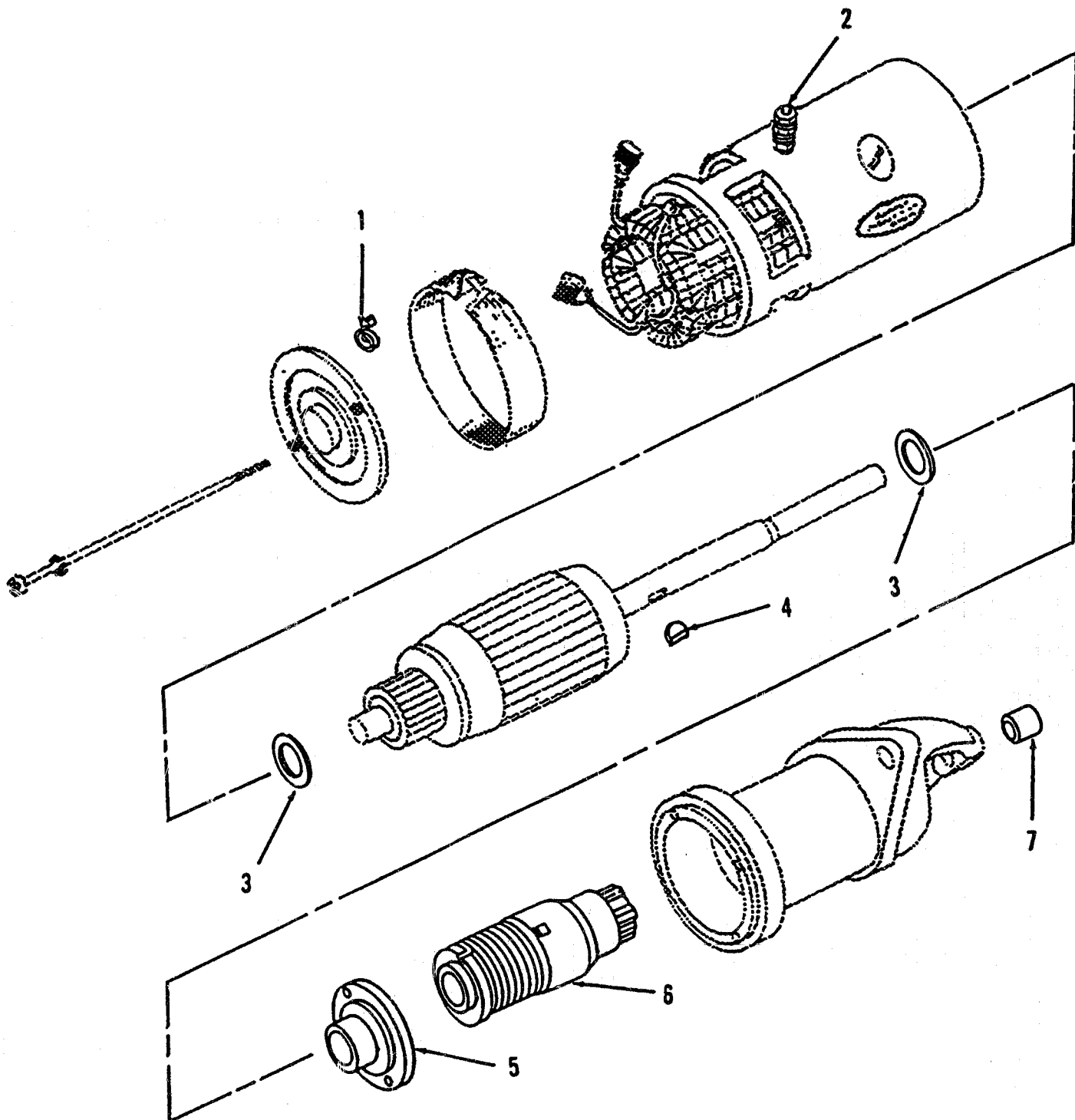
191-0150



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|
| 1 | 191-1018 | 1 | Cap Assembly, End (Includes Cap and Brush Holder) |
| 2 | 191-1020 | 1 | Spring Set, Brush |
| 3 | 191-0513 | 1 | Brush Set |
| 4 | 191-1017 | 1 | Coil Assembly, Field |
| 5 | 191-1022 | 1 | Stud Assembly, Terminal |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------|
| 6 | 191-1021 | 1 | Washer Set, Thrust |
| 7 | 515-0094 | 1 | Key, Woodruff (#6) |
| 8 | 191-0517 | 1 | Armature |
| 9 | 191-1019 | 1 | Bearing, Intermediate |
| 10 | 191-0271 | 1 | Drive Assembly, Inertia |
| 11 | 191-0735 | 1 | Bearing, Sleeve |

191-0198



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------|
| 1 | 191-1020 | 1 | Spring Set, Brush |
| 2 | 191-1022 | 1 | Stud Assembly, Terminal |
| 3 | 191-1021 | 1 | Washer Set, Thrust |
| 4 | 515-0094 | 1 | Key, Woodruff (#6) |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------|
| 5 | 191-1019 | 1 | Bearing, Intermediate |
| 6 | 191-0271 | 1 | Drive Assembly, Inertia |
| 7 | 191-0735 | 1 | Bearing, Sleeve |

191-0217

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|----------------------|---------|----------|----------|-------------------------------|
| 1 | P16-279 | 1 | *Armature | 7 | P58-59 | 1 | *Frame & Field Assembly |
| 2 | MZ-240 | 1 | *Band, Cover | 8 | P19-115 | 1 | *Head Assembly, End - Brush |
| 3 | P36-415 | 1 | *Bearing Assembly, | 9 | P21-187 | 1 | *Housing, Pinion |
| 4 | 191-0735 | 1 | Bearing, End - Drive | 10 | P50-101 | 4 | *Spring, Brush |
| 5 | P17-64 | 1 | *Brush Set | 11 | 191-1021 | 1 | Washer Pkg, Thrust - Armature |
| 6 | P59-145 | 1 | *Drive Assembly | | | | |

* Part Numbers Listed are Prestolite

191-0232

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|------------------|---------|----------|----------|-------------------|
| 1 | 1931788 | 1 | *Coil, Field | 5 | 1931773 | 4 | *Holder, Brush |
| 2 | 1933879 | 1 | *Stud, Terminal | 6 | 1935316 | 4 | *Spring, Brush |
| 3 | 1932890 | 1 | *Drive Assembly | 7 | 1119778 | 1 | *Switch, Solenoid |
| 4 | 1906987 | 4 | *Brush | 8 | 809763 | 2 | *Bolt, Thru |

* Part Numbers Listed are Delco-Remy

191-0237

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|----------------------|---------|----------|----------|-------------------|
| 1 | 1917587 | 1 | *Coil, Field - Upper | 6 | 810226 | 4 | *Holder, Brush |
| 2 | 1917590 | 1 | *Coil, Field - Lower | 7 | 1935316 | 4 | *Spring, Brush |
| 3 | 1848837 | 1 | *Stud, Terminal | 8 | 1119797 | 1 | *Switch, Solenoid |
| 4 | 1940134 | 1 | *Drive Assembly | 9 | 1887034 | 2 | *Bolt, Thru |
| 5 | 1886643 | 4 | *Brush | | | | |

* Part Numbers Listed are Delco-Remy

191-0256

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---------------------------|---------|----------|----------|------------------|
| 1 | 1937612 | 2 | *Coil, Field - Left/Right | 4 | 1906909 | 8 | *Brush |
| 2 | 1119805 | 1 | *Switch, Solenoid | 5 | 1861785 | 8 | *Spring, Brush |
| 3 | 1907171 | 1 | *Pinion | 6 | 1909521 | 4 | *Holder, Brush |

* Part Numbers Listed are Delco-Remy

191-0257

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|------------------|---------|----------|----------|-------------------|
| 1 | 1934499 | 1 | *Coil, Field | 5 | 1931773 | 4 | *Holder, Brush |
| 2 | 1933879 | 1 | *Stud, Terminal | 6 | 1935316 | 4 | *Spring, Brush |
| 3 | 1932605 | 1 | *Drive Assembly | 7 | 1118055 | 1 | *Switch, Solenoid |
| 4 | 1906958 | 4 | *Brush | 8 | 1911196 | 2 | *Bolt, Thru |

* Part Numbers Listed are Delco-Remy

191-0258

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|------------------|---------|----------|----------|-------------------|
| 1 | 1931788 | 1 | *Coil, Field | 5 | 1931773 | 4 | *Holder, Brush |
| 2 | 1933879 | 1 | *Stud, Terminal | 6 | 1855685 | 4 | *Spring, Brush |
| 3 | 1935992 | 1 | *Drive Assembly | 7 | 1119935 | 1 | *Switch, Solenoid |
| 4 | 1906958 | 4 | *Brush | 8 | 1931812 | 2 | *Bolt, Thru |

* Part Numbers Listed are Delco-Remy

191-0272

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|------------------|---------|----------|----------|-------------------|
| 1 | 1911610 | 1 | *Stud, Terminal | 5 | 810226 | 4 | *Holder, Brush |
| 2 | 1936790 | 1 | *Coil, Field | 6 | 1947743 | 1 | *Drive Assembly |
| 3 | 828448 | 4 | *Brush | 7 | 1118112 | 1 | *Switch, Solenoid |
| 4 | 813521 | 4 | *Spring, Brush | 8 | 809053 | 2 | *Bolt, Thru |

* Part Numbers Listed are Delco-Remy

191-0283

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|------------------|---------|----------|----------|-------------------|
| 1 | 1945350 | 1 | *Coil, Field | 6 | 1119935 | 1 | *Switch, Solenoid |
| 2 | 1945626 | 1 | *Stud, Terminal | 7 | 1946220 | 1 | *Drive Assembly |
| 3 | 1906987 | 4 | *Brush | 8 | 1931812 | 2 | *Bolt, Thru |
| 4 | 1945620 | 4 | *Spring, Brush | | | | |
| 5 | | | *Holder, Brush | | | | |
| | 1926617 | 2 | Ground | | | | |
| | 1926618 | 2 | Insulated | | | | |

* Part Numbers Listed are Delco-Remy

191-0292

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|----------------------------|---------|----------|----------|-------------------|
| 1 | 1906945 | 4 | *Brush | 5 | 1928696 | 1 | *Coil, Field |
| 2 | 1926617 | 2 | *Holder, Brush - Ground | 6 | 1948307 | 1 | *Drive Assembly |
| 3 | 1926618 | 2 | *Holder, Brush - Insulator | 7 | 1119780 | 1 | *Switch, Solenoid |
| 4 | 1926622 | 2 | *Spring, Brush | | | | |

* Part Numbers Listed are Delco-Remy

191-0294

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------|---------|----------|----------|------------------|
| 1 | 1945496 | 1 | *Coil, Field | 4 | 1906986 | 8 | *Brush |
| 2 | 1119853 | 1 | *Switch, Solenoid | 5 | 1945521 | 8 | *Spring, Brush |
| 3 | 1949450 | 1 | *Drive Assembly | 6 | 1909521 | 4 | *Holder, Brush |

* Part Numbers Listed are Delco-Remy

191-0295

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------|
| 1 | 1945350 | 1 | *Coil, Field |
| 2 | 1945626 | 1 | *Stud, Terminal |
| 3 | 1951180 | 1 | *Drive Assembly |
| 4 | 1906987 | 4 | *Brush |
| 5 | 1926617 | 2 | *Holder, Brush - Ground |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|----------------------------|
| 6 | 1926618 | 2 | *Holder, Brush - Insulated |
| 7 | 1945620 | 2 | *Spring, Brush |
| 8 | 1119833 | 1 | *Switch, Solenoid |
| 9 | 1931812 | 2 | *Bolt, Thru |

* Part Numbers Listed are Delco-Remy

191-0313

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|------------|----------|------------------|
| 1 | 191-0525 | 1 | Drive Assembly |
| 2 | MDY-1005BS | 1 | *Coil, Field |
| 3 | MZ-19 | 4 | *Spring, Brush |
| 4 | 191-0433 | 1 | Switch, Solenoid |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--------------------|
| 5 | 191-0434 | 1 | Brush Set, Service |
| 6 | MEC-20 | 2 | *Bolt, Thru |
| 7 | 191-0469 | 1 | Armature |

* Part Numbers Listed are Prestolite

191-0314

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|------------|----------|------------------|
| 1 | 191-0458 | 1 | Drive Assembly |
| 2 | MDY-1005BS | 1 | *Coil, Field |
| 3 | MZ-19 | 4 | *Spring, Brush |
| 4 | 191-0433 | 1 | Switch, Solenoid |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--------------------|
| 5 | 191-0434 | 1 | Brush Set, Service |
| 6 | MEC-20 | 2 | *Bolt, Thru |
| 7 | 191-0469 | 1 | Armature |

* Part Numbers Listed are Prestolite

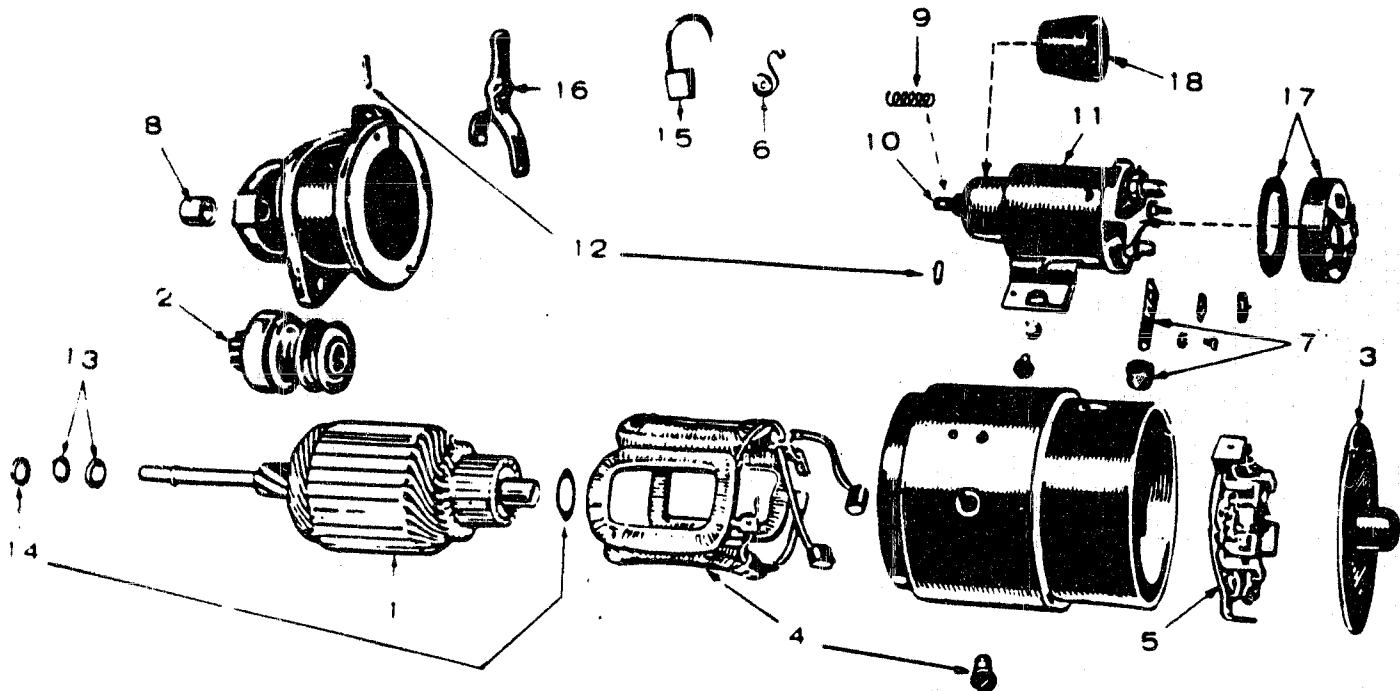
191-0322

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|-----------|----------|---------------------------------|
| 1 | 191-0517 | 1 | Armature |
| 2 | MZ-24A | 1 | *Band, Cover |
| 3 | MAW-2129 | 1 | *Bearing Assembly, Intermediate |
| 4 | 191-0735 | 1 | Bearing, End - Drive |
| 5 | 191-0513 | 1 | Brush Set |
| 6 | MBG-3005S | 1 | *Coil Assembly, Field |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------------|
| 7 | 191-0271 | 1 | Drive Assembly |
| 8 | MZ-2002Q | 1 | *Head Assembly, End - Brush |
| 9 | P21-156 | 1 | *Housing, Pinion |
| 10 | MZ-19S | 1 | *Spring Set, Brush |
| 11 | 191-1021 | 1 | Washer Set, Thrust - Armature |

* Part Numbers Listed are Prestolite

191-0324



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|---------|----------|----------|-------------------------------|
| 1 | 191-0712 | 1 | Armature | 11 | 191-0433 | 1 | Switch, Solenoid |
| 2 | 191-0432 | 1 | Clutch | 12 | 191-1029 | 1 | Yoke Package |
| 3 | 191-1023 | 1 | Head Assembly, Commutator End | 13 | 191-1030 | 1 | Stop and Lock Ring Package |
| 4 | 191-1024 | 1 | Coil Package, Field | 14 | 191-1031 | 1 | Thrust Washer Package |
| 5 | 191-1025 | 1 | Plate Assembly, Brush | 15 | 191-0434 | 1 | Brush Set, Service |
| 6 | 191-1020 | 1 | Spring Set, Brush | 16 | 191-1032 | 1 | Yoke |
| 7 | 191-1263 | 1 | Connector Package | 17 | 191-1569 | 1 | Switch Cover and Stud Package |
| 8 | 191-0497 | 1 | Bearing, Drive End - Bronze | 18 | 191-1134 | 1 | Boot, Rubber |
| 9 | 191-1027 | 1 | Spring, Plunger | | | | |
| 10 | 191-1028 | 1 | Core Assembly, Moving (Includes Rubber Boot) | | | | |

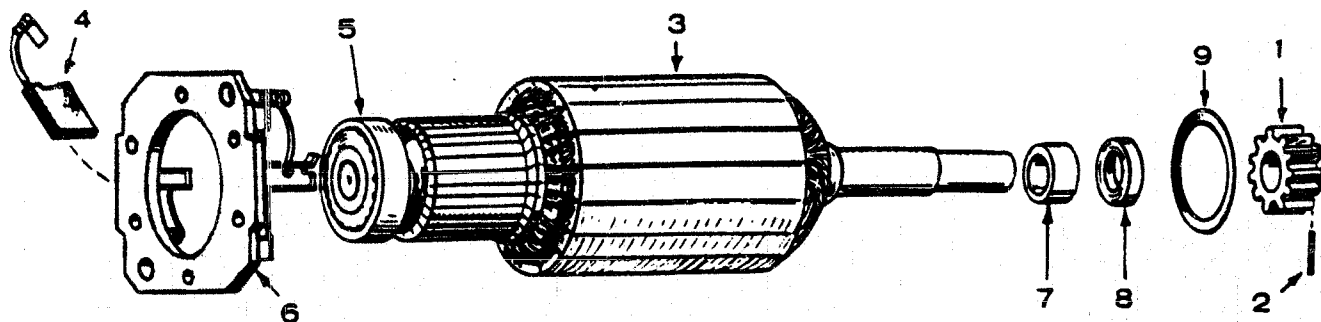
191-0339

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|------------|-------------|-------------|---------------------|
| 1 | MDL-3130A | 1 | *Drive Assembly |
| 2 | MEC-20A | 2 | *Bolt, Thru |
| 3 | MEX-2001 | 1 | *Coil, Field |
| 4 | MZ-19C | 4 | *Spring, Brush |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|------------|-------------|-------------|---------------------|
| 5 | MEX-2133 | 1 | *Armature |
| 6 | SAL-4001T | 1 | *Switch, Solenoid |
| 7 | MDZ-2012BS | 1 | *Brush Set, Service |

* Part Numbers Listed are Prestolite

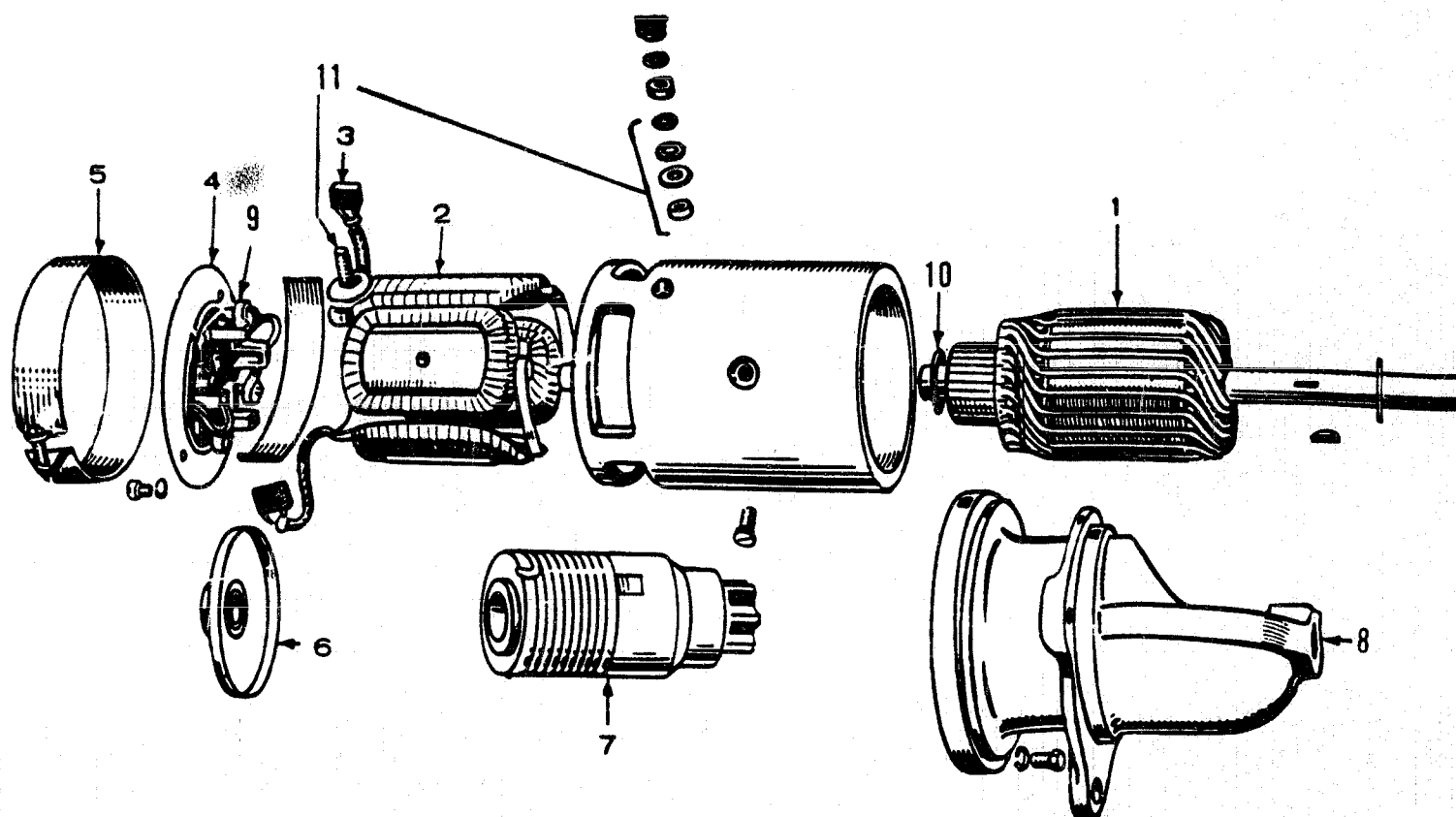
191-0416



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--------------------------|
| 1 | 191-0336 | 1 | Gear, Pinion |
| 2 | 516-0150 | 1 | Pin, Gear - Pinion |
| 3 | 191-0418 | 1 | Armature |
| 4 | 191-0419 | 2 | Brush |
| 5 | 191-0420 | 1 | Bearing, Ball - Armature |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|----------------------------|
| 6 | 191-0421 | 1 | Holder, Brush |
| 7 | 191-0329 | 1 | Bushing, Shaft - Armature |
| 8 | 509-0092 | 1 | Seal, Oil - Armature Shaft |
| 9 | 509-0093 | 1 | Seal, "O" Ring |

191-0427



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--------------------------------|
| 1 | 191-0517 | 1 | Armature |
| 2 | 191-1017 | 1 | Coil Assembly, Field |
| 3 | 191-0513 | 1 | Brush Set |
| 4 | 191-1018 | 1 | Head Assembly, Commutator |
| 5 | NFS | 1 | Band, Cover |
| 6 | 191-1019 | 1 | Bearing Assembly, Intermediate |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------------|
| 7 | 191-0271 | 1 | Drive Assembly, Bendix |
| 8 | 191-0735 | 1 | Bearing, End - Drive |
| 9 | 191-1020 | 1 | Spring Set, Brush |
| 10 | 191-1021 | 1 | Washer Set, Thrust - Armature |
| 11 | 191-1022 | 1 | Stud Package, Terminal |

191-0428

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------|
| 1 | 1955951 | 1 | *Coil Assembly, Field |
| 2 | 1946434 | 4 | *Brush |
| 3 | 1926622 | 4 | *Spring, Brush |
| 4 | 1926617 | 2 | *Holder, Brush - Ground |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|----------------------------|
| 5 | 1926618 | 2 | *Holder, Brush - Insulated |
| 6 | 1940134 | 1 | *Drive Assembly |
| 7 | 1955957 | 2 | *Bolt, Thru |
| 8 | 1118806 | 1 | *Switch, Solenoid |

* Part Numbers Listed are Delco-Remy

191-0429

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-----------------------------|
| 1 | P16-190 | 1 | *Armature |
| 2 | P24-28P | 1 | *Bearing, End - Drive |
| 3 | P36-97P | 2 | *Bolt, Thru |
| 4 | P17-52 | 1 | *Brush Set |
| 5 | P18-28 | 1 | *Drive Assembly |
| 6 | P36-93 | 1 | *Core Assembly, Moving |
| 7 | P58-37 | 1 | *Frame & Field Assembly |
| 8 | P19-93 | 1 | *Head Assembly, End - Brush |
| 9 | P21-178 | 1 | *Housing, Pinion |
| 10 | P36-45P | 1 | *Pin, Link |
| 11 | P36-25P | 1 | *Pin, Yoke |
| 12 | P36-96 | 1 | *Plate Assembly, Brush |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-----------------------------|
| 13 | P37-12P | 1 | *Plug, Spring |
| 14 | P36-27P | 1 | *Ring, Snap |
| 15 | P50-101P | 4 | *Spring, Brush |
| 16 | P50-102P | 1 | *Spring, Plunger |
| 17 | P15-80 | 1 | *Switch, Solenoid |
| 18 | | | *Washer, Thrust - Comm End |
| | P36-35P | 1 | (1/32") |
| | P36-36P | 1 | (3/64") |
| | P36-37P | 1 | (1/16") |
| 19 | P36-48P | 1 | *Washer, Thrust - Drive End |
| 20 | P23-8 | 1 | *Yoke |

* Part Numbers Listed are Prestolite

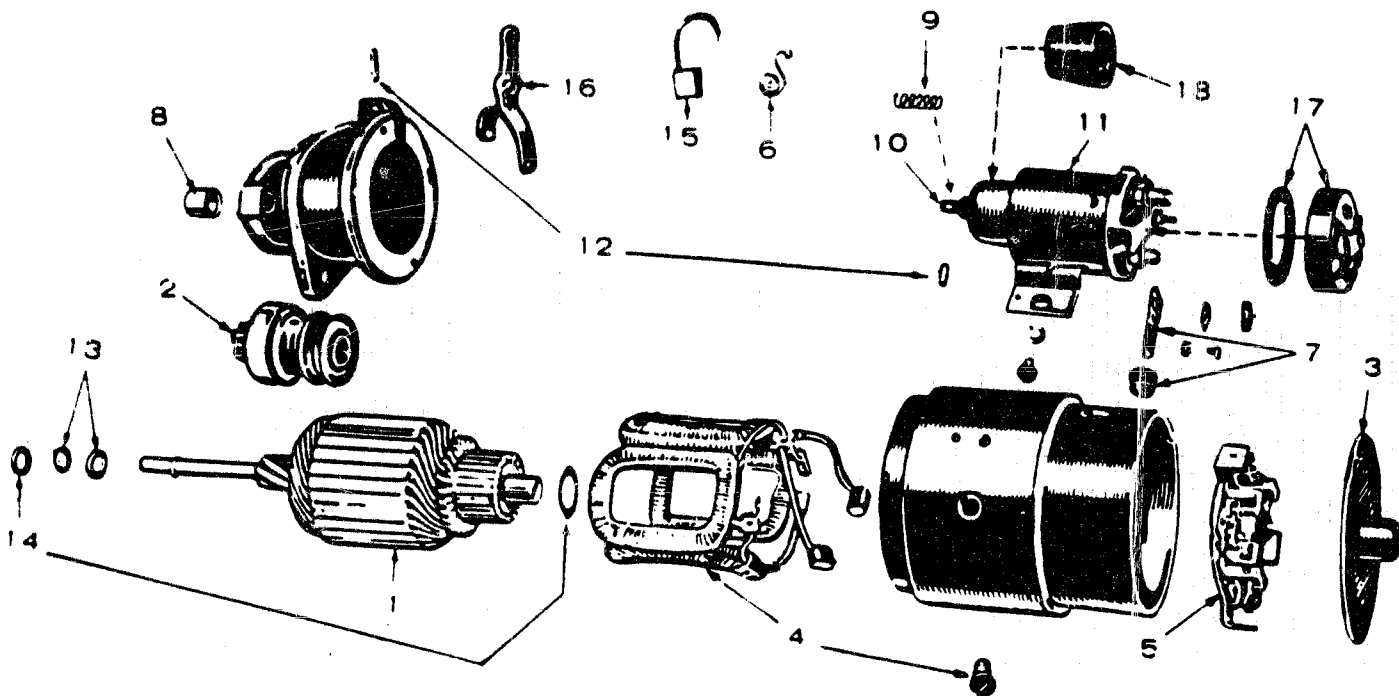
191-0442

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------|
| 1 | 1961685 | 1 | *Coil Assembly, Field |
| 2 | 1946434 | 4 | *Brush |
| 3 | 1940475 | 4 | *Spring, Brush |
| 4 | 1940477 | 2 | *Holder, Brush - Ground |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|----------------------------|
| 5 | 1926618 | 2 | *Holder, Brush - Insulated |
| 6 | 1937086 | 1 | *Drive Assembly |
| 7 | 1960025 | 2 | *Bolt, Thru |
| 8 | 1114329 | 1 | *Switch, Solenoid |

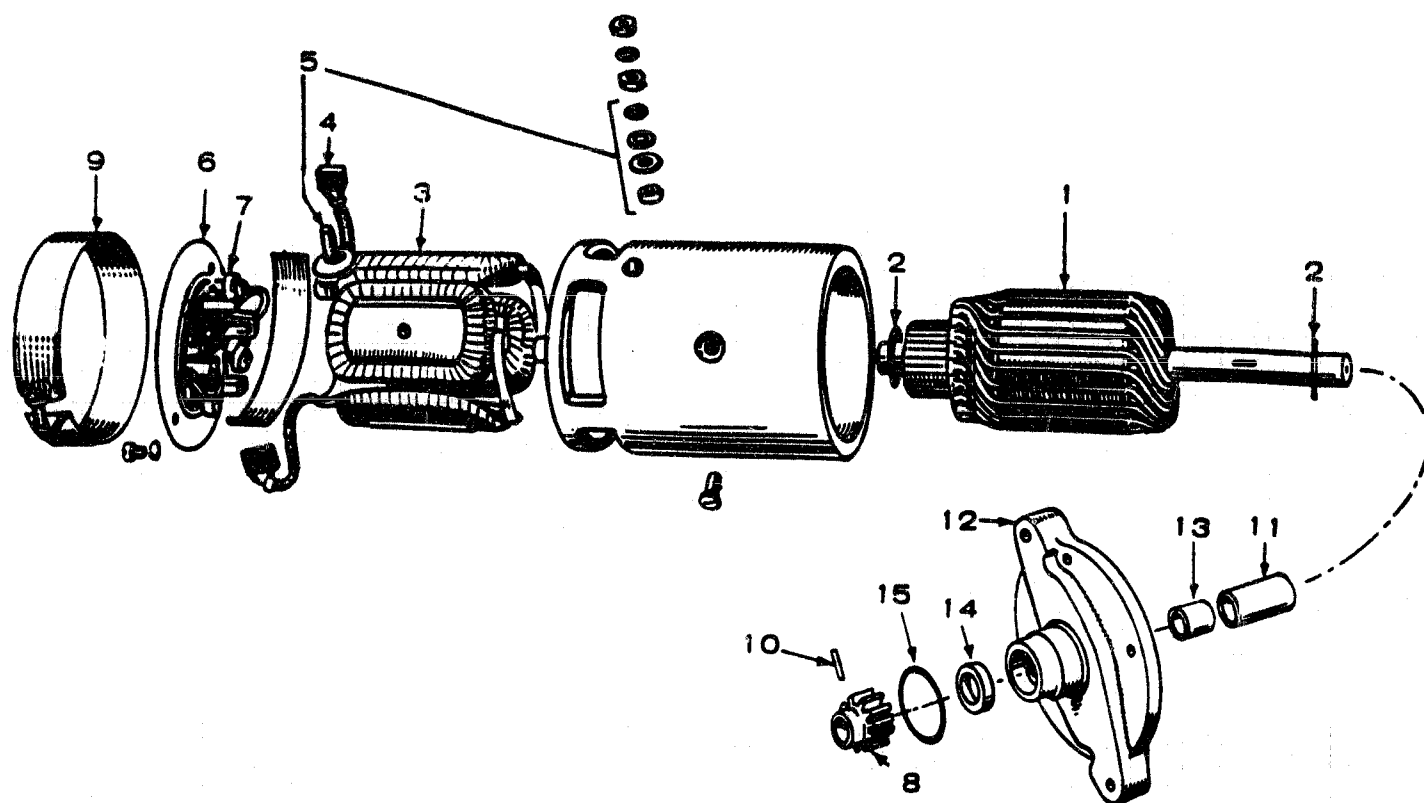
* Part Numbers Listed are Delco-Remy

191-0443



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------------|---------|----------|----------|---------------------------------|
| 1 | 191-0713 | 1 | Armature | 11 | 191-0715 | 1 | Switch, Solenoid |
| 2 | 191-0432 | 1 | Clutch | 12 | 191-1029 | 1 | Yoke Parts Package |
| 3 | 191-1023 | 1 | Heat Assembly, Commutator End | 13 | 191-1030 | 1 | Stop and Lock Ring Package |
| 4 | 191-1043 | 1 | Coil Package, Field | | | | Pinion |
| 5 | 191-1042 | 1 | Plate Assembly, Brush | 14 | 191-1031 | 1 | Thrust Washer Package, Armature |
| 6 | 191-1020 | 1 | Spring Set, Brush | 15 | 191-0714 | 1 | Brush Set, Service |
| 7 | 191-1263 | 1 | Connector Package | 16 | 191-1032 | 1 | Yoke |
| 8 | 191-0497 | 1 | Bearing, Bronze - Drive End | 17 | 191-1569 | 1 | Switch Cover and Stud Package |
| 9 | 191-1027 | 1 | Spring, Plunger | 18 | 191-1134 | 1 | Boot, Rubber |
| 10 | 191-1028 | 1 | Core Assembly, Moving | | | | |

<http://stores.ebay.com/UsefulCDs>



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------------|---------|----------|----------|-----------------------------|
| 1 | 191-0452 | 1 | Armature | 9 | NFS | 1 | Band, Cover |
| 2 | 191-1021 | 1 | Washer Package, Thrust | 10 | 516-0154 | 1 | Pin, Dowel - Pinion Gear |
| 3 | 191-1017 | 1 | Coil Assembly, Field | 11 | 191-0451 | 1 | Spacer, Armature to Adapter |
| 4 | 191-0513 | 1 | Brush Set, Service | 12 | 191-0448 | 1 | Adapter |
| 5 | 191-1022 | 1 | Stud, Terminal | 13 | 191-0329 | 1 | Bushing, Adapter |
| 6 | 191-1018 | 1 | Head Assembly, Commutator End | 14 | 509-0092 | 1 | Seal, Oil - Armature Shaft |
| 7 | 191-1020 | 1 | Spring Set, Brush | | | | Front |
| 8 | 191-0450 | 1 | Gear, Pinion - Starter | 15 | 509-0093 | 1 | Seal, "O" Ring - Mounting |

191-0460

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|-----------|----------|---------------------------------|---------|------------|----------|-------------------------------|
| 1 | EBB-40A | 1 | *Drive Assembly | 5 | MZ-2023T | 1 | *Armature |
| 2 | MAW-2129B | 1 | *Bearing Assembly, Intermediate | 6 | MG-77A | 1 | *Bearing, Bronze - Pinion Hsg |
| 3 | MAW-13D | 1 | *Bearing, Bronze | 7 | MBG-2012BS | 1 | *Brush Set, Service |
| 4 | MA-19C | 4 | *Spring, Brush | | | | |

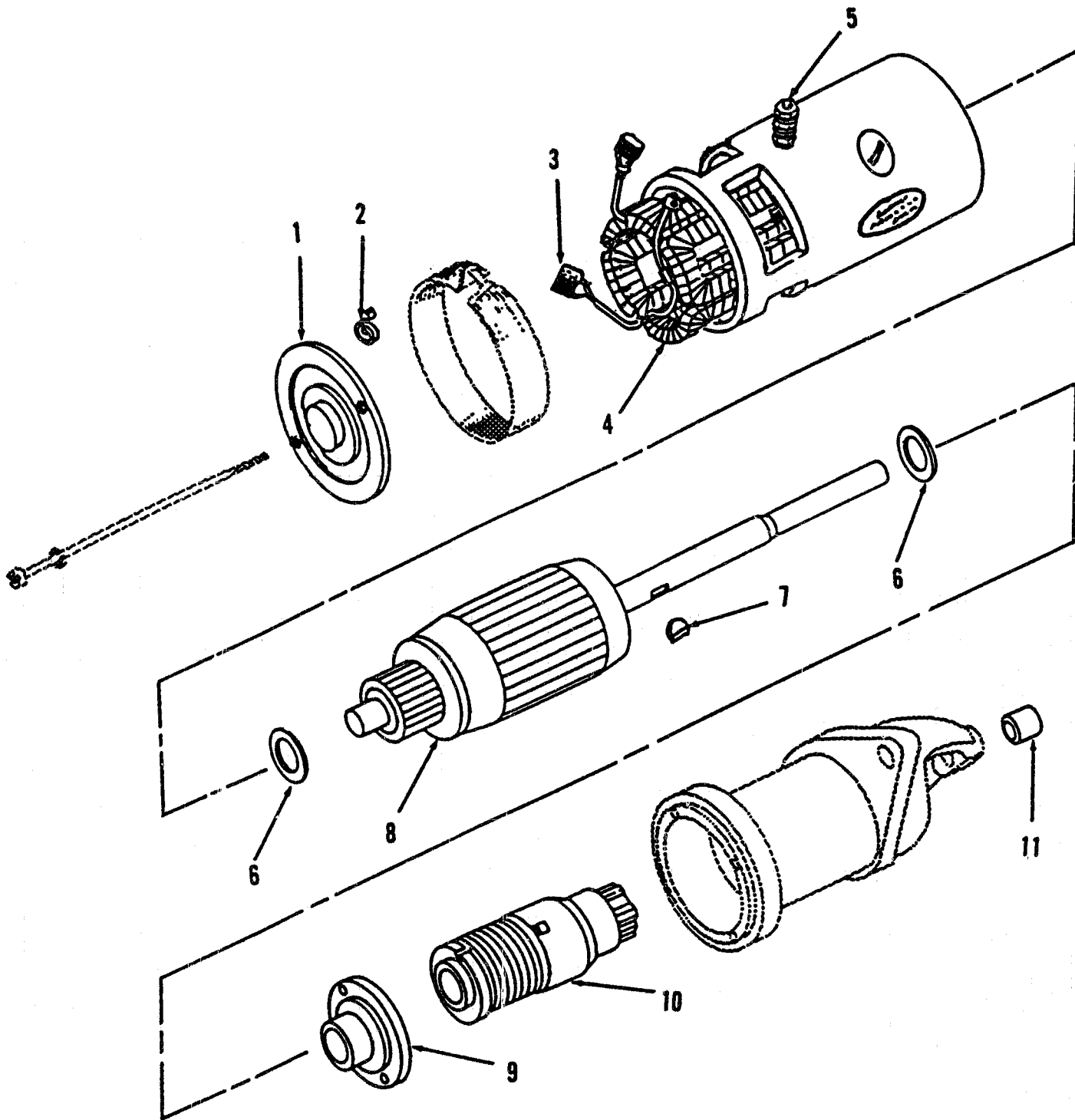
* Part Numbers Listed are Prestolite

191-0486

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------|---------|----------|----------|----------------------------|
| 1 | 1967042 | 1 | *Coil Assembly, Field | 6 | 1950546 | 2 | *Holder, Brush - Insulated |
| 2 | 1933879 | 1 | *Stud, Terminal | 7 | 1945620 | 2 | *Spring, Brush |
| 3 | 1952410 | 1 | *Drive Assembly | 8 | 1119896 | 1 | *Switch, Solenoid |
| 4 | 1906987 | 4 | *Brush | 9 | 809763 | 1 | *Bolt, Thru |
| 5 | 1940477 | 2 | *Holder, Brush - Ground | | | | |

* Part Numbers Listed are Delco-Remy

191-0511



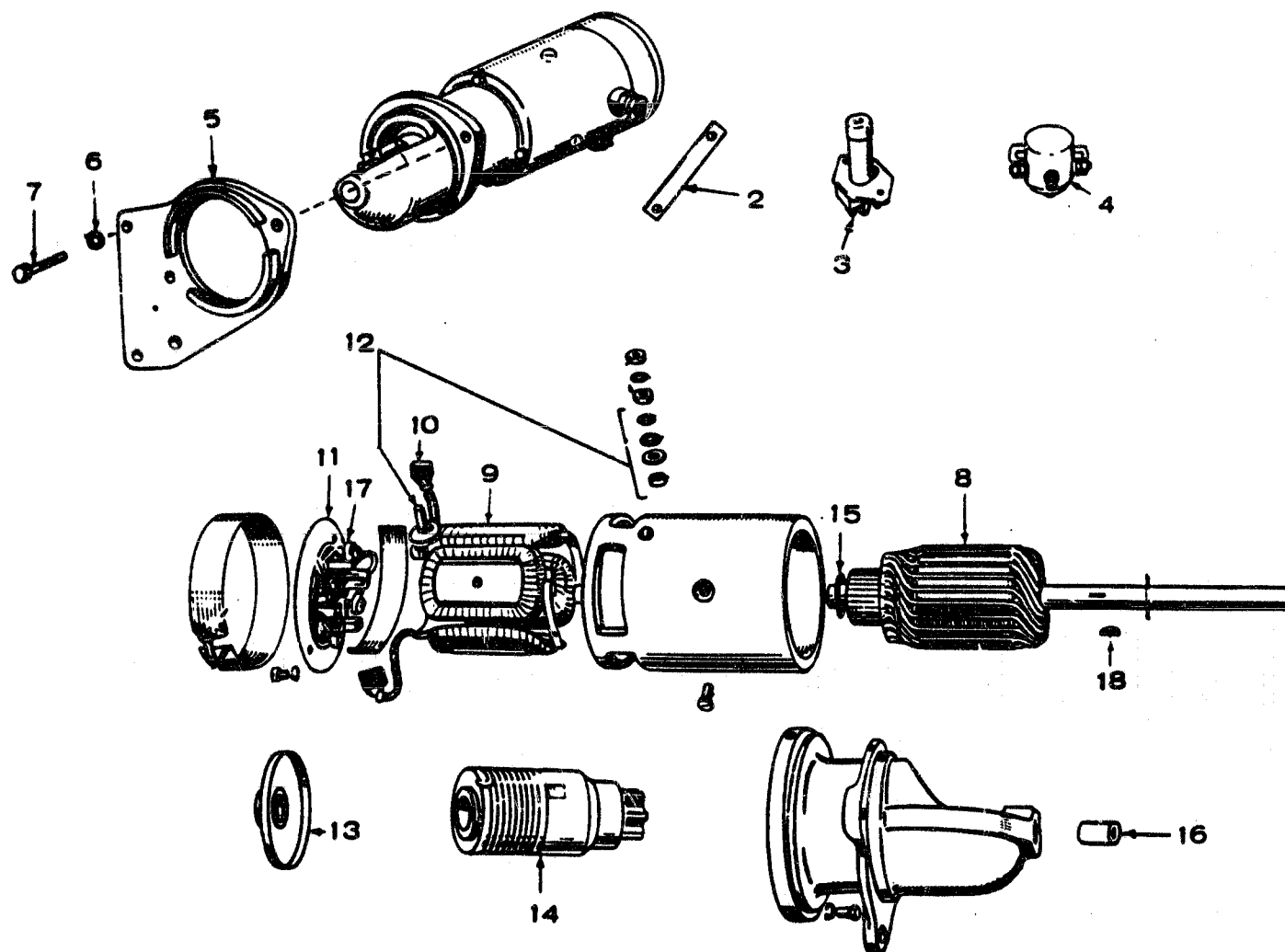
| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|---------|----------|----------|-----------------------|
| 1 | 191-1018 | 1 | Cap Assembly, End (Includes Cap and Brush Holder) | 6 | 191-1021 | 1 | Washer Set, Thrust |
| 2 | 191-1020 | 1 | Spring Set, Brush | 7 | 515-0094 | 1 | Key, Woodruff (#6) |
| 3 | 191-0513 | 1 | Brush Set | 8 | 191-0517 | 1 | Armature |
| 4 | 191-1017 | 1 | Coil Assembly, Field | 9 | 191-1019 | 1 | Bearing, Intermediate |
| 5 | 191-1022 | 1 | Stud Assembly, Terminal | 10 | 191-0271 | 1 | Drive Assembly |
| | | | | 11 | 191-0735 | 1 | Bearing, Sleeve |

191-0515

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|-----------|----------|---------------------------------|---------|----------|----------|-------------------------------|
| 1 | P16-294 | 1 | *Armature | 7 | P59-145 | 1 | *Drive Assembly |
| 2 | MZ-24A | 1 | *Band, Cover | 8 | MZ-2002Q | 1 | *Head Assembly, End - Brush |
| 3 | MAW-2129 | 1 | *Bearing Assembly, Intermediate | 9 | PS-1428 | 1 | *Housing, Pinion |
| 4 | 191-0735 | 1 | Bearing, End - Drive | 10 | MZ-19S | 1 | *Spring Set, Brush |
| 5 | 191-0513 | 1 | Brush Set | 11 | P90-742 | 1 | *Stud Pkg, Terminal |
| 6 | MBG-3005S | 1 | *Coil Assembly, Field | 12 | 191-1021 | 1 | Washer Set, Thrust - Armature |

* Part Numbers Listed are Prestolite

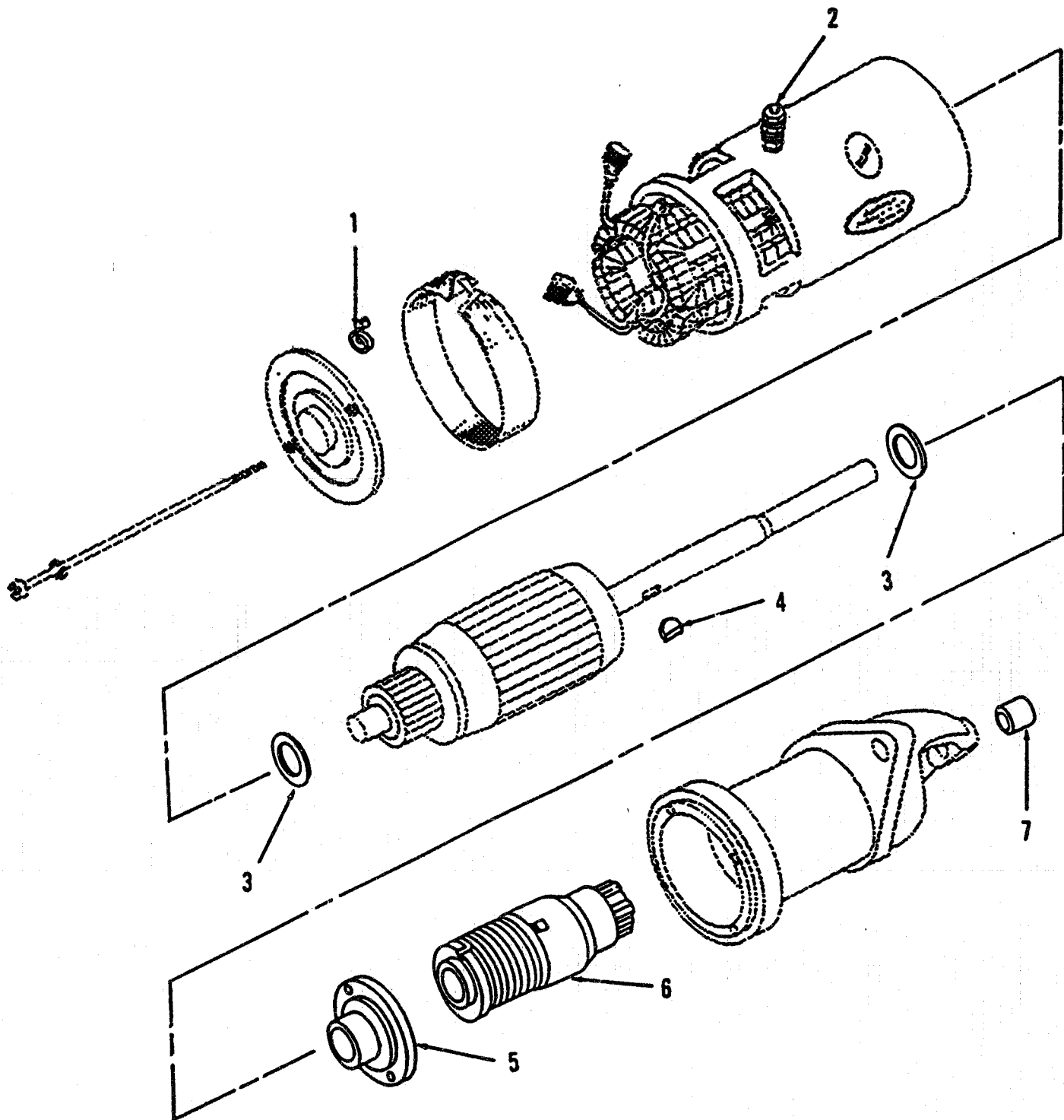
191-0526



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|------------------------------|---------|----------|----------|--------------------------------|
| 2 | 332-0570 | 1 | Jumper, Starter to Switch | 11 | 19-28 | 1 | *Head Assembly, Commutator End |
| 3 | 308-0028 | 1 | Switch, Start | 12 | 191-1022 | 1 | Stud, Terminal |
| 4 | 307-1046 | 1 | Solenoid, Start | 13 | 191-1019 | 1 | Bearing Assembly, Intermediate |
| 5 | 191-0508 | 1 | Flange, Mounting | 14 | 191-0271 | 1 | Drive Assembly |
| 6 | 850-0050 | 3 | Washer, Lock - Spring (3/8") | 15 | 191-1021 | 1 | Washer, Thrust - Armature |
| 7 | 102-0455 | 3 | Screw, Cap - Hex Head | 16 | 191-0735 | 1 | Bearing, Drive End |
| 8 | 16-47 | 1 | *Armature | 17 | 191-1020 | 1 | Spring Set, Brush |
| 9 | 20-42 | 1 | *Coil Assembly, Field | 18 | 515-0094 | 1 | Key, Woodruff (#6) |
| 10 | 17-33 | 1 | *Brush Set | | | | |

* Part Numbers Listed are Prestolite

191-0528



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------|
| 1 | 191-1020 | 1 | Spring Set, Brush |
| 2 | 191-1022 | 1 | Stud Assembly, Terminal |
| 3 | 191-1021 | 1 | Washer Set, Thrust |
| 4 | 515-0094 | 1 | Key, Woodruff (#6) |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-----------------------|
| 5 | 191-1019 | 1 | Bearing, Intermediate |
| 6 | 191-0271 | 1 | Drive Assembly |
| 7 | 191-0735 | 1 | Bearing, Sleeve |

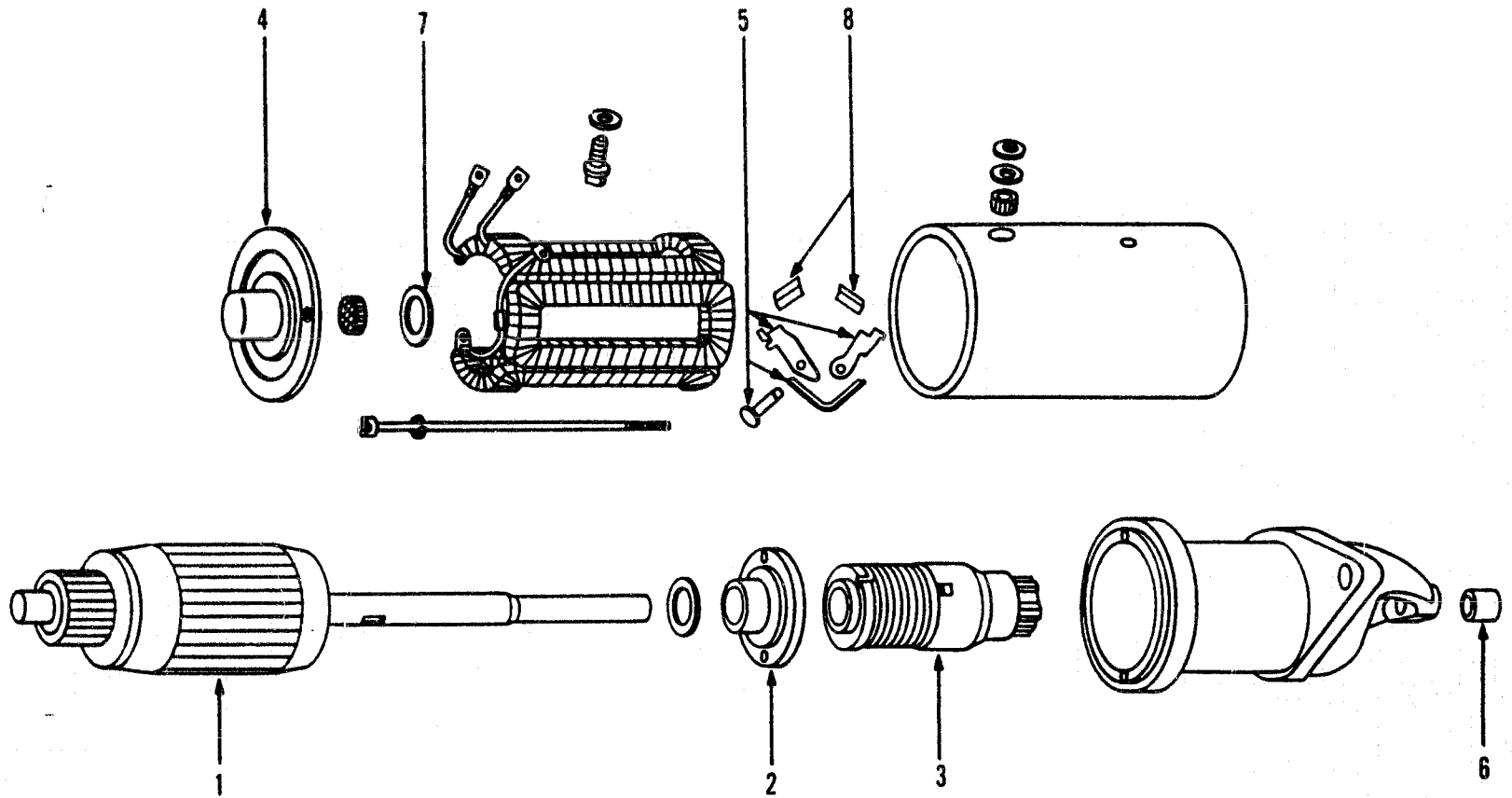
191-0530

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|-----------|----------|---------------------------------|
| 1 | 191-0517 | 1 | Armature |
| 2 | MZ-24A | 1 | *Band, Cover |
| 3 | MAW-2129 | 1 | *Bearing Assembly, Intermediate |
| 4 | MG-77A | 1 | *Bearing, End - Drive |
| 5 | 191-0513 | 1 | Brush Set |
| 6 | MBG-3005S | 1 | *Coil Assembly, Field |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--------------------------------|
| 7 | 191-0271 | 1 | Drive Assembly |
| 8 | MZ-2002Q | 1 | *Head Assembly, End - Brush |
| 9 | PS-1428 | 1 | *Housing, Pinion |
| 10 | MZ-19S | 1 | *Spring Set, Brush |
| 11 | P90-742 | 1 | *Stud Pkg, Terminal |
| 12 | P90-263 | 1 | *Washer Pkg, Thrust - Armature |

* Part Numbers Listed are Prestolite

191-0532



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--------------------------------|
| 1 | 191-0517 | 1 | Armature |
| 2 | 191-1019 | 1 | Bearing Assembly, Intermediate |
| 3 | EBB-40A | 1 | *Drive Assembly |
| 4 | 191-1018 | 1 | Head Assembly, Commutator End |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--------------------------|
| 5 | 191-1020 | 1 | Spring Set, Brush |
| 6 | 191-0735 | 1 | Bearing, Bronze - Pinion |
| 7 | 191-1021 | 1 | Washer Package, Thrust |
| 8 | 191-0513 | 1 | Brush Set, Service |

* Part Numbers Listed are Prestolite

191-0560

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|-------------|----------|--------------------------------|
| 1 | MPB-3023-FT | 1 | *Armature |
| 2 | MZ-24U | 1 | *Band, Cover |
| 3 | 191-1019 | 1 | Bearing Assembly, Intermediate |
| 4 | 191-0735 | 1 | Bearing, End - Drive |
| 5 | MBW-2012CS | 1 | *Brush Set |
| 6 | EBB-40A | 1 | *Drive Assembly |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|------------|----------|-------------------------------|
| 7 | MPB-2001BS | 1 | *Frame & Field Assembly |
| 8 | MPB-2002B | 1 | *Head Assembly, End - Brush |
| 9 | PS-1428A | 1 | *Housing, Pinion |
| 10 | 191-1020 | 1 | Spring Set, Brush |
| 11 | 191-1021 | 1 | Washer Set, Thrust - Armature |

* Part Numbers Listed are Prestolite

191-0568

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---------------------------|
| 1 | 1961754 | 1 | *Armature |
| 2 | 1946386 | 1 | *Coil Assembly, Field |
| 3 | 1877353 | 1 | *Drive Assembly |
| 4 | 1946484 | 4 | *Brush |
| 5 | 1940477 | 2 | *Holder, Brush - Grounded |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|----------------------------|
| 6 | 1950546 | 2 | *Holder, Brush - Insulated |
| 7 | 1945620 | 4 | *Spring, Brush |
| 8 | 1115510 | 1 | *Switch, Solenoid |
| 9 | 1883865 | 2 | *Bolt, Thru |

* Part Numbers Listed are Delco Remy

191-0605

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|------------|----------|-----------------------------|
| 1 | MZ-2402 | 1 | *Armature |
| 2 | MZ-24A | 1 | *Band, Cover |
| 3 | MBG-2012-S | 1 | *Brush Set |
| 4 | MBG-3005S | 1 | *Coil Assembly, Field |
| 5 | P90-767 | 1 | *Gear & Parts Pkg |
| 6 | MZ-2002Q | 1 | *Head Assembly, End - Brush |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|-----------|----------|--------------------------------|
| 7 | MBG-1069S | 1 | *Head Assembly, End - Drive |
| 8 | XA-1002 | 1 | *Seal, Oil |
| 9 | MZ-19S | 1 | *Spring Set, Brush |
| 10 | P90-743 | 1 | *Stud Pkg, Terminal |
| 11 | P90-542 | 1 | *Washer Set, Thrust - Armature |

* Part Numbers Listed are Prestolite

191-0658

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|------------|----------|------------------------|
| 1 | 191-0712 | 1 | Armature |
| 2 | 191-0497 | 1 | Bearing, End - Drive |
| 3 | MEC-205 | 1 | *Bolt, Thru |
| 4 | 191-0434 | 1 | Brush Set |
| 5 | 191-0432 | 1 | Drive Assembly |
| 6 | MDY-2005BS | 1 | *Coil Assembly, Field |
| 7 | P90-535 | 1 | *Connector Pkg |
| 8 | SAD-1021 | 1 | *Core Assembly, Moving |
| 9 | MEO-28 | 1 | *Cover, Yoke |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------------|
| 10 | MDT-1052 | 1 | *Head Assembly, End - Brush |
| 11 | PS-1391 | 1 | *Housing, Pinion |
| 12 | MEJ-1064 | 1 | *Plate Assembly, Brush |
| 13 | MZ-19S | 1 | *Spring Set, Brush |
| 14 | SAD-27 | 1 | *Spring, Plunger |
| 15 | P90-83 | 1 | *Stop & Lock Ring Pkg, Pinion |
| 16 | 191-0433 | 1 | Switch, Solenoid |
| 17 | P90-503 | 1 | *Washer Pkg, Thrust |
| 18 | P90-54 | 1 | *Yoke Pkg |

* Part Numbers Listed are Prestolite

191-0702

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---------------------------|
| 1 | 1951959 | 1 | *Armature |
| 2 | 1951958 | 1 | *Coil Assembly, Field |
| 3 | 1952410 | 1 | *Drive Assembly |
| 4 | 1906990 | 4 | *Brush |
| 5 | 1940477 | 2 | *Holder, Brush - Grounded |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|----------------------------|
| 6 | 1950546 | 2 | *Holder, Brush - Insulated |
| 7 | 1945620 | 4 | *Spring, Brush |
| 8 | 1119896 | 1 | *Switch, Solenoid |
| 9 | 809763 | 2 | *Bolt, Thru |

* Part Numbers Listed are Delco Remy

191-0703

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---------------------------|
| 1 | 1967045 | 1 | *Armature |
| 2 | 1946386 | 1 | *Coil Assembly, Field |
| 3 | 1877355 | 1 | *Drive Assembly |
| 4 | 1946491 | 4 | *Brush |
| 5 | 1940477 | 2 | *Holder, Brush - Grounded |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|----------------------------|
| 6 | 1950546 | 2 | *Holder, Brush - Insulated |
| 7 | 1945620 | 4 | *Spring, Brush |
| 8 | 1115510 | 1 | *Switch, Solenoid |
| 9 | 1883865 | 2 | *Bolt, Thru |

* Part Numbers Listed are Delco Remy

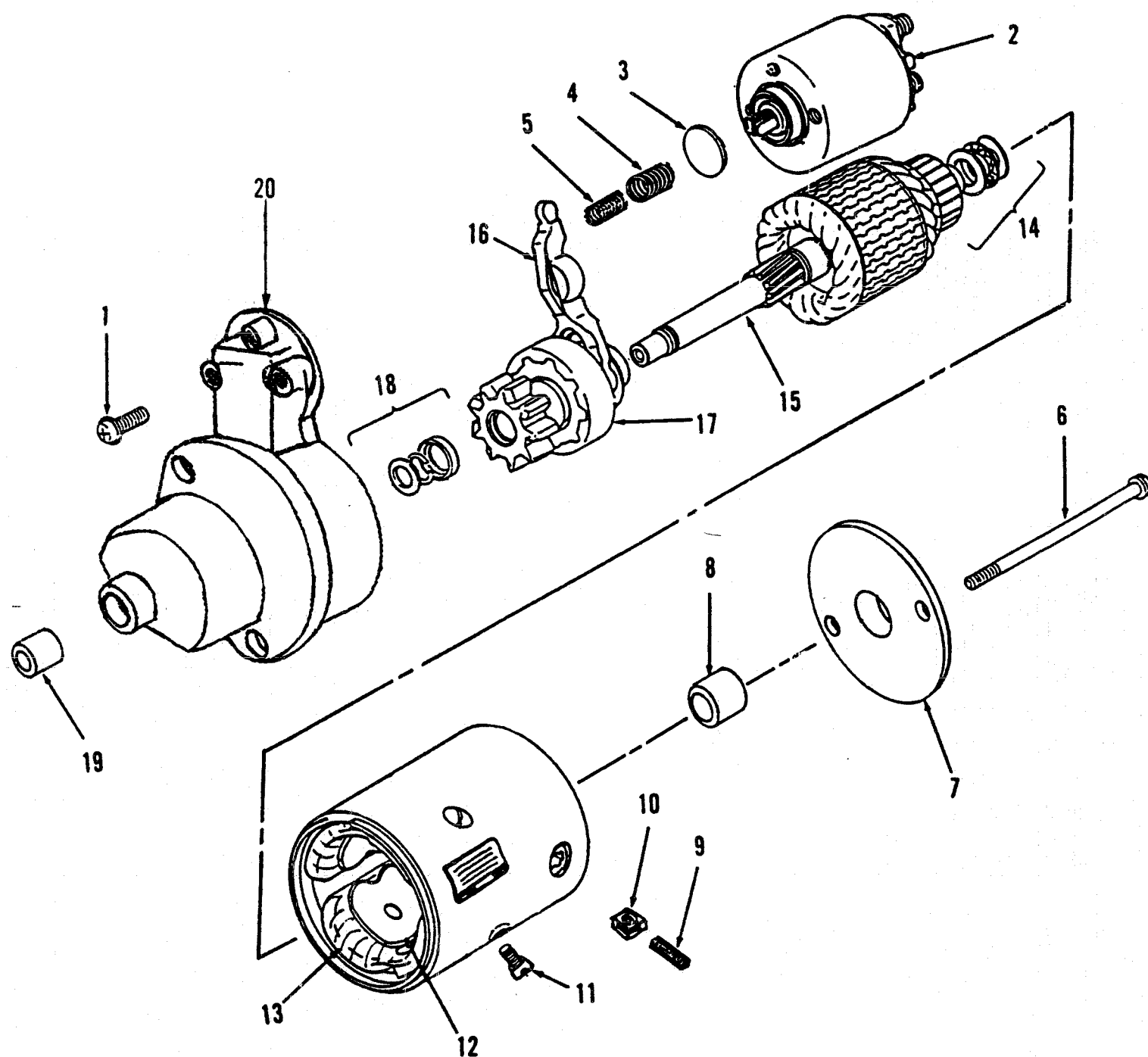
191-0721

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---------------------------|
| 1 | 1967045 | 1 | *Armature |
| 2 | 1946386 | 1 | *Coil Assembly, Field |
| 3 | 1877355 | 1 | *Drive Assembly |
| 4 | 1906987 | 4 | *Brush |
| 5 | 1940477 | 2 | *Holder, Brush - Grounded |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|----------------------------|
| 6 | 1950546 | 2 | *Holder, Brush - Insulated |
| 7 | 1945620 | 4 | *Spring, Brush |
| 8 | 1115510 | 1 | *Switch, Solenoid |
| 9 | 1883865 | 2 | *Bolt, Thru |

* Part Numbers Listed are Delco Remy

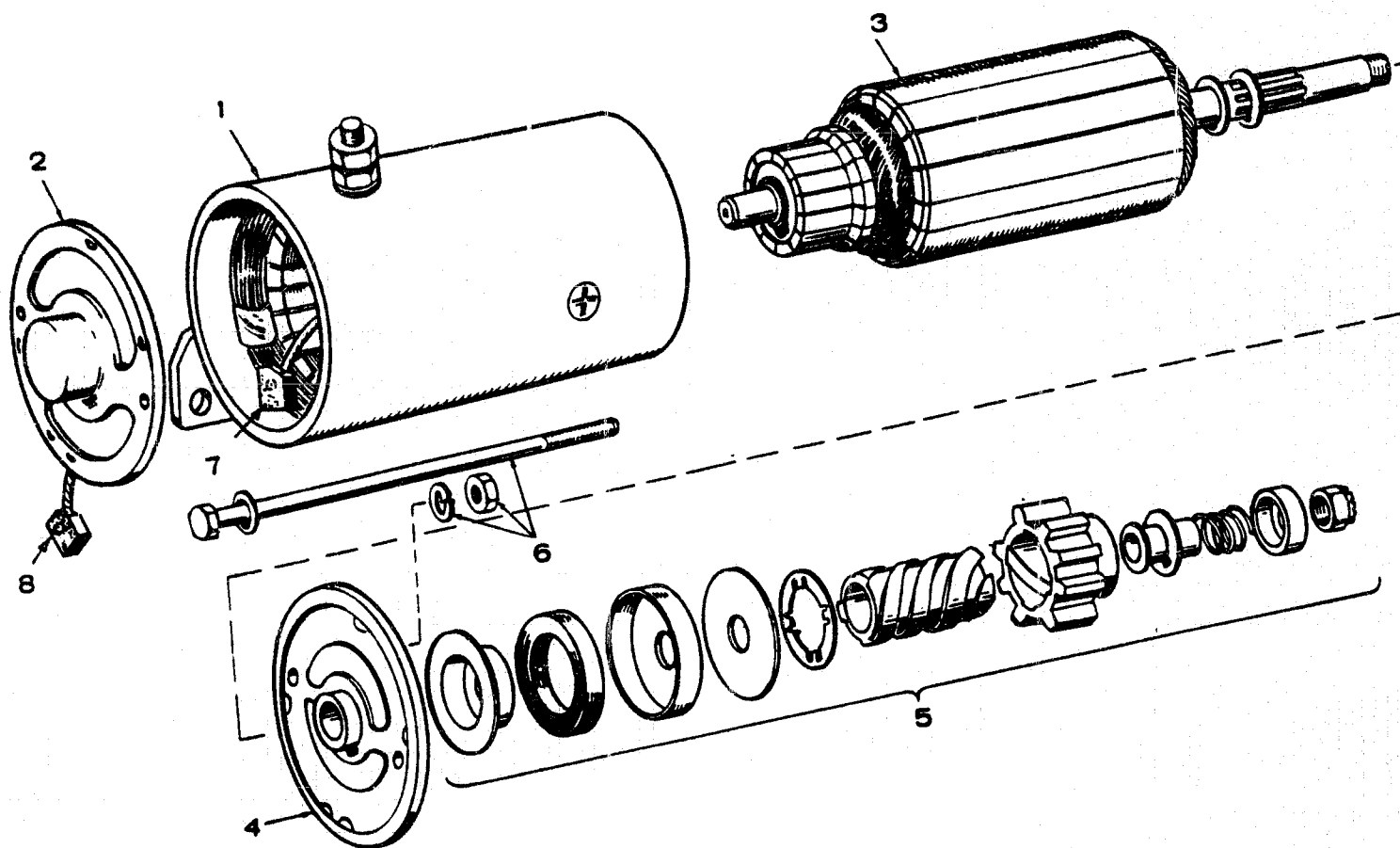
191-0734



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--------------------------------|
| 1 | 191-0760 | 3 | Screw |
| 2 | 191-0987 | 1 | Solenoid |
| 3 | 191-0752 | 1 | Holder, Spring |
| 4 | 191-0751 | 1 | Spring, Lever |
| 5 | 191-0750 | 1 | Spring, Lever |
| 6 | 191-0759 | 2 | Bolt |
| 7 | 191-0753 | 1 | Plate, Rear (Includes Bearing) |
| 8 | 191-0764 | 1 | Bearing, Sleeve - Rear |
| 9 | 191-0758 | 4 | Spring, Brush |
| 10 | 191-0757 | 4 | Brush |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------|
| 11 | 191-0766 | 4 | Screw |
| 12 | 191-0765 | 4 | Shoe, Pole |
| 13 | 191-0762 | 1 | Coil, Field |
| 14 | 191-0997 | 1 | Washer Set, Thrust |
| 15 | 191-0743 | 1 | Armature |
| 16 | 191-0749 | 1 | Lever |
| 17 | 191-0744 | 1 | Clutch |
| 18 | 191-0991 | 1 | Stop Set |
| 19 | 191-0763 | 1 | Sleeve, Bearing - Front |
| 20 | 191-0748 | 1 | Bracket, End - Drive |

191-0767



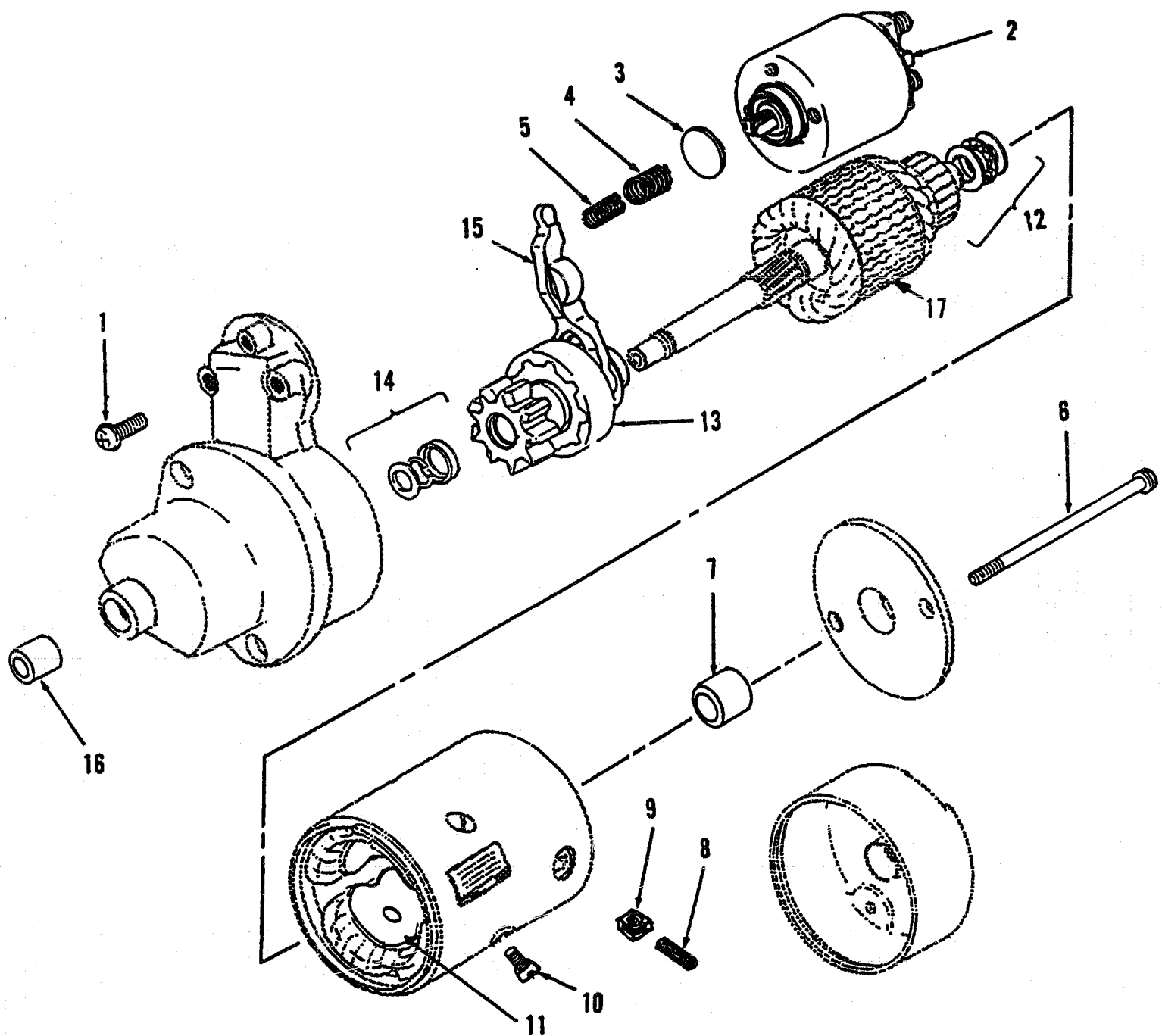
| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---------------------------|
| 1 | 191-0804 | 1 | Housing Assembly |
| 2 | 191-0795 | 1 | Cap Assembly, End |
| 3 | 191-0796 | 1 | Armature Assembly |
| 4 | 191-0797 | 1 | Cap Assembly, End - Drive |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|------------------|
| 5 | 191-0805 | 1 | Drive Assembly |
| 6 | 191-0799 | 2 | Bolt, Thru |
| 7 | 191-0800 | 1 | Brush, Positive |
| 8 | 191-0801 | 1 | Brush, Negative |

191-0780

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|------------|-------------|-------------|---------------------------|------------|-------------|-------------|---------------------|
| 1 | 191-0794 | 1 | Housing Assembly | 5 | 191-0798 | 1 | Drive Assembly |
| 2 | 191-0795 | 1 | Cap Assembly, End | 6 | 191-0799 | 2 | Bolt, Thru |
| 3 | 191-0796 | 1 | Armature | 7 | 191-0800 | 1 | Brush, Positive |
| 4 | 191-0797 | 1 | Cap Assembly, End - Drive | 8 | 191-0801 | 1 | Brush, Negative |

191-0790



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|------------------------|
| 1 | 191-0760 | 3 | Screw |
| 2 | 191-0987 | 1 | Solenoid |
| 3 | 191-0752 | 1 | Holder, Spring |
| 4 | 191-0751 | 1 | Spring, Lever |
| 5 | 191-0750 | 1 | Spring, Lever |
| 6 | 191-0759 | 2 | Bolt |
| 7 | 191-0764 | 1 | Bearing, Sleeve - Rear |
| 8 | 191-0758 | 4 | * Brush |
| | 191-1007 | 4 | + Positive |
| 9 | 191-0757 | 4 | * Brush |
| | 191-1005 | 2 | + Positive |
| | 191-1008 | 2 | + Negative |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|-------------|----------|-------------------------|
| 10 | 191-0766 | 4 | *Screw |
| 11 | 191-0765 | 4 | *Shoe, Pole |
| 12 | 191-0997 | 1 | Washer Set, Thrust |
| 13 | 191-0744 | 1 | * Drive Assembly |
| | 191-0744-01 | 1 | + * |
| 14 | 191-0991 | 1 | Stop Set |
| 15 | 191-0749 | 1 | Lever |
| 16 | 191-0763 | 1 | Bearing, Sleeve - Front |
| 17 | 191-0743 | 1 | Armature |

* Parts special to Starter Type MX1.0 and M9224
+ Parts special to Starter Type MEA909

191-0826

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-----------------------|---------|----------|----------|-------------------|
| 1 | 1961820 | 1 | *Armature | 4 | 1119879 | 1 | *Switch, Solenoid |
| 2 | 1949109 | 1 | *Coil Assembly, Field | 5 | 1906985 | 8 | *Brush |
| 3 | 1894211 | 1 | *Drive Assembly | | | | |

* Part Numbers Listed are Delco Remy

191-0828

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|--------------|----------|--------------------------|---------|----------|----------|-----------------------------|
| 1 | 191-1121 | 1 | Armature | 11E | 191-1196 | 1 | Cover, Yoke |
| 2 | 191-1124 | 1 | Brush Set | 11F | 191-1197 | 1 | Pin, Yoke |
| 3 | 191-1123 | 1 | Frame & Field Assembly | 12 | 191-1133 | 1 | Core Assembly, Moving |
| 4 | 191-1128 | 1 | Head Assembly, Comm End | 13 | 191-1137 | 1 | Spring & Plug Pkg |
| 5 | 191-1125 | 1 | Plate Assembly, Brush | 14 | 191-1135 | 1 | Pinion Stop & Lock Ring Pkg |
| 6 | 191-1126 | 1 | Spring Set, Brush | 15 | 191-1138 | 1 | Bolt Pkg, Thru |
| 7 | 191-1122 | 1 | Drive Assembly | 16 | 191-1139 | 1 | Washer Pkg, Thrust |
| 8 | 191-1129 | 1 | Housing Assembly, Pinion | 17 | 191-1127 | 1 | Switch Conn & Grommet Pkg |
| 9 | 191-1130 | 1 | Bearing, Bronze | 18 | 191-1136 | 1 | Switch, Solenoid |
| 10 | 191-1140 | 1 | Yoke | 19 | 191-1131 | 1 | Lead Assembly |
| 11 | 191-1132 | 1 | Yoke Parts Pkg | 20 | 191-1134 | 1 | Cap, Rubber |
| 11A | MS24665-132 | 1 | *Pin, Cotter | 21 | 800-1002 | 4 | Screw, Cap - Hex Head |
| 11B | MS20392-2015 | 1 | *Pin, Link | 22 | 850-1040 | 4 | Washer, Lock |
| 11C | 191-1195 | 1 | Clamp, Cover - Yoke | 23 | 191-1194 | 1 | Solenoid Assembly |

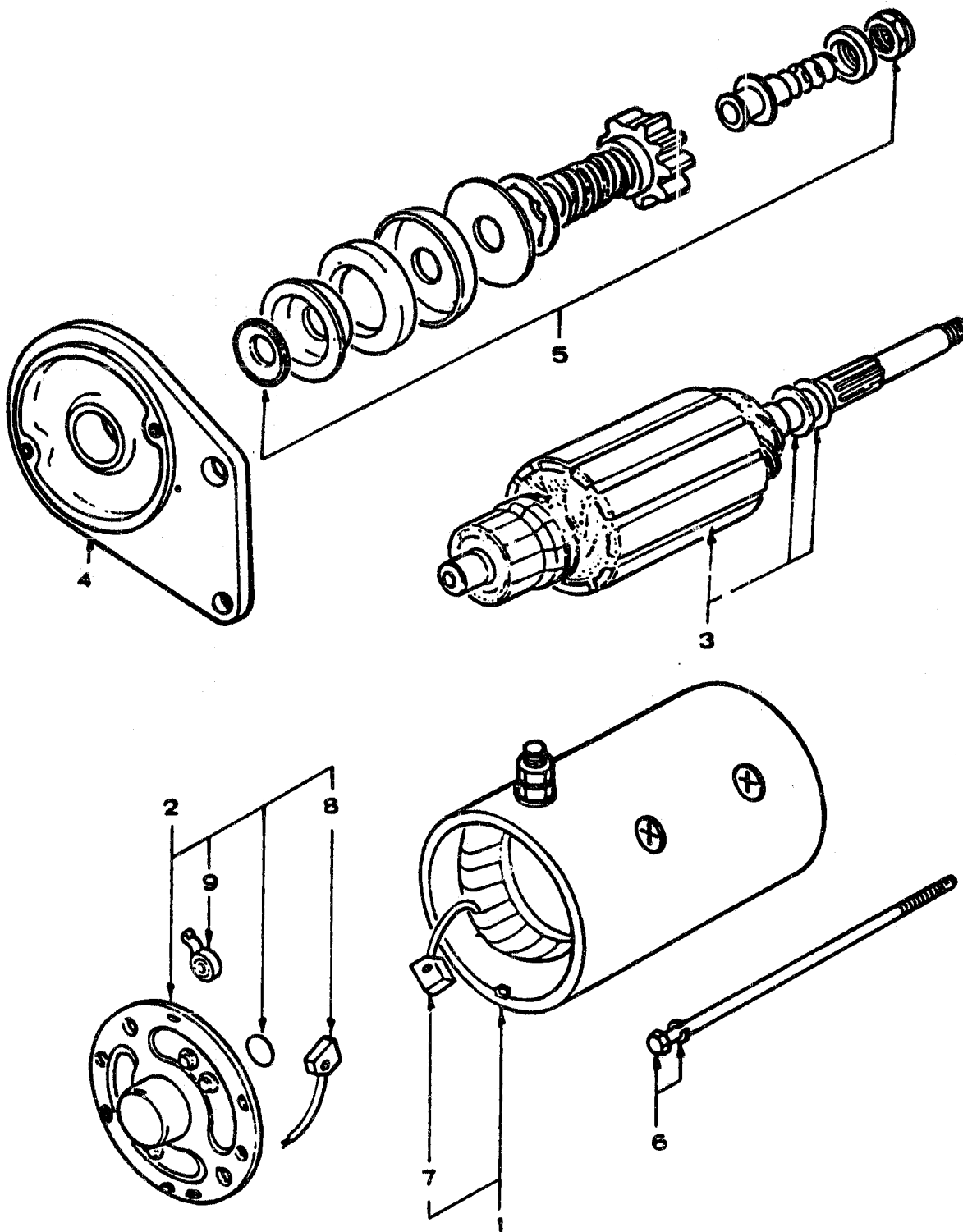
* Part Numbers Listed are Prestolite

191-0852

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-----------------------|---------|----------|----------|-------------------|
| 1 | 1945500 | 1 | *Armature | 4 | 1119848 | 1 | *Switch, Solenoid |
| 2 | 1945496 | 1 | *Coil Assembly, Field | 5 | 1906986 | 8 | *Brush |
| 3 | 1894211 | 1 | *Drive Assembly | | | | |

* Part Numbers Listed are Delco-Remy

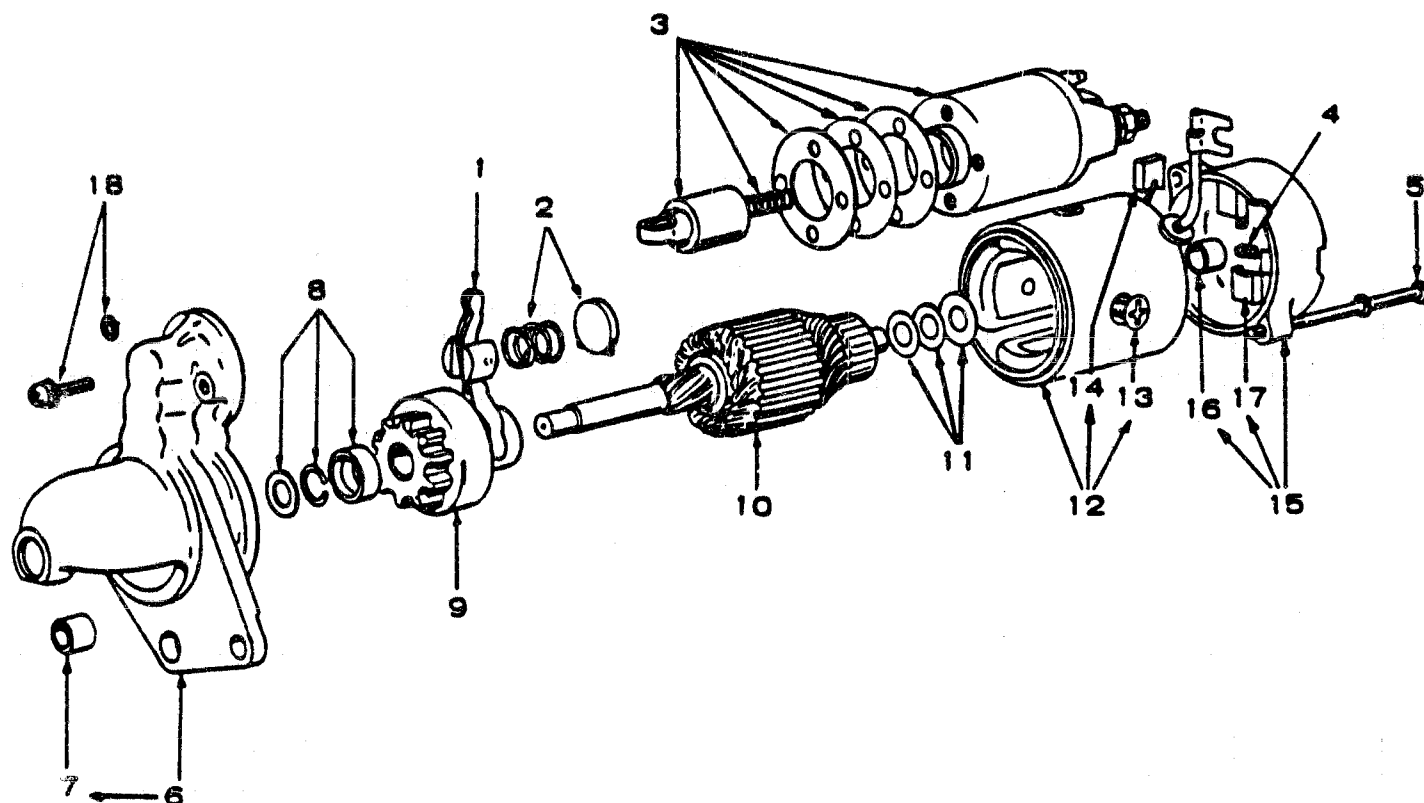
191-0863



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-----------------------|
| 1 | 191-0906 | 1 | Housing |
| 2 | 191-0907 | 1 | Cap Assembly, End |
| 3 | 191-0908 | 1 | Armature |
| 4 | 191-0909 | 1 | Plate Assembly, Drive |
| 5 | 191-0910 | 1 | Gear Assembly, Drive |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|------------------|
| 6 | 191-0911 | 2 | Bolt, Thru |
| 7 | 191-0912 | 1 | Brush, Field |
| 8 | 191-0913 | 1 | Brush, Ground |
| 9 | 191-0917 | 2 | Spring, Brush |

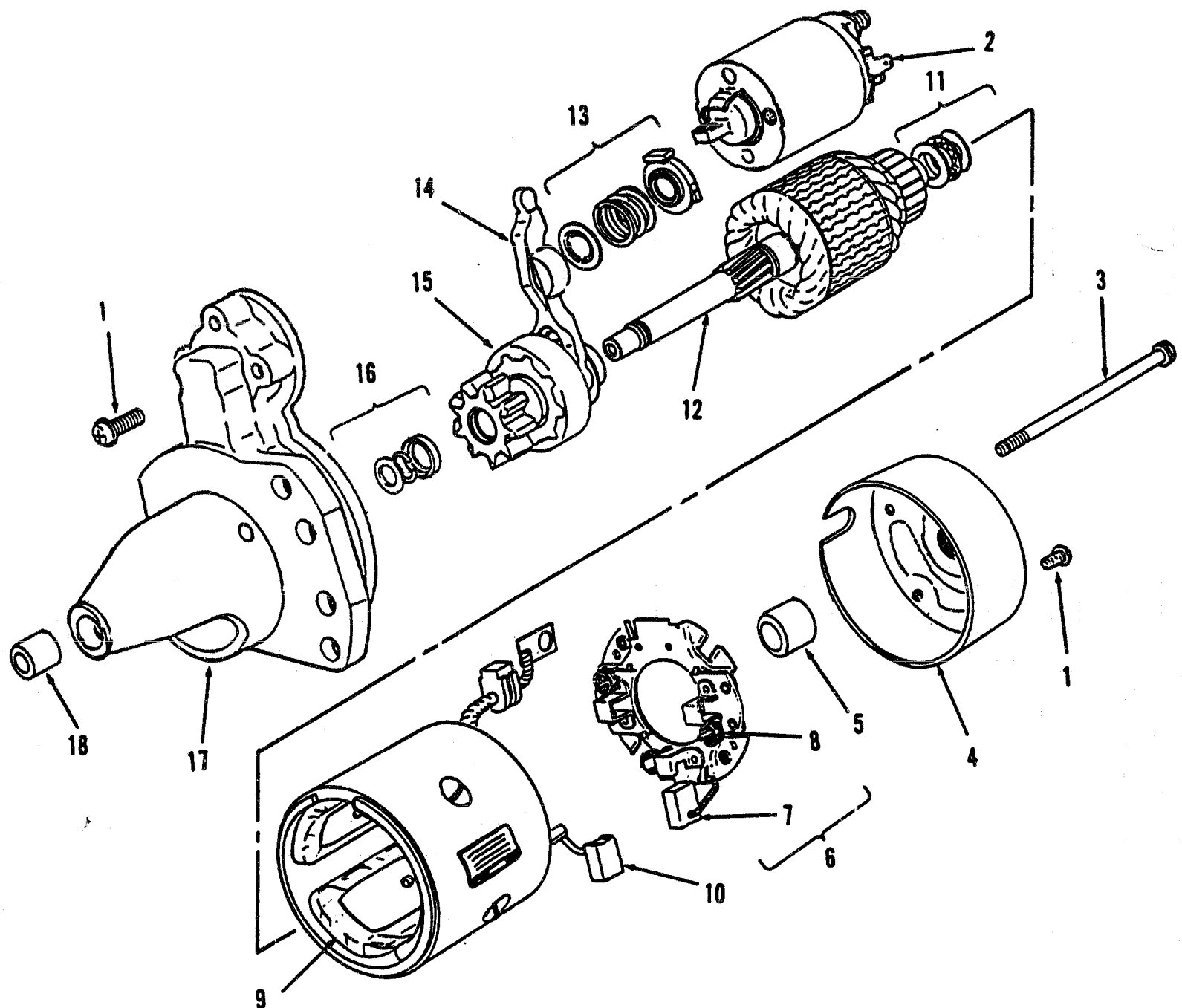
191-0915



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|
| 1 | 191-0965 | 1 | Lever Assembly |
| 2 | 191-0966 | 1 | Spring Set |
| 3 | 191-0967 | 1 | Switch, Assembly |
| 4 | 191-0968 | 2 | Spring, Brush |
| 5 | 191-0969 | 2 | Bolt, Thru |
| 6 | 191-0970 | 1 | Bracket Assembly, Front (Includes Bearing) |
| 7 | 191-0971 | 1 | Bearing, Front |
| 8 | 191-0972 | 1 | Stopper Set, Pinion |
| 9 | 191-0973 | 1 | Drive Assembly |
| 10 | 191-0974 | 1 | Armature |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| 11 | 191-0975 | 1 | Washer Set |
| 12 | 191-0976 | 1 | Yoke Assembly (Includes Brush and Screws) |
| 13 | 191-0977 | 4 | Screw, Machine - Flat Head |
| 14 | 191-0978 | 1 | Brush, Positive |
| 15 | 191-0979 | 1 | Bracket Assembly, Rear (Included Bearing and Brush) |
| 16 | 191-0980 | 1 | Bearing, Rear |
| 17 | 191-0981 | 1 | Brush, Negative |
| 18 | 191-0982 | 1 | Screw Set |

191-0922

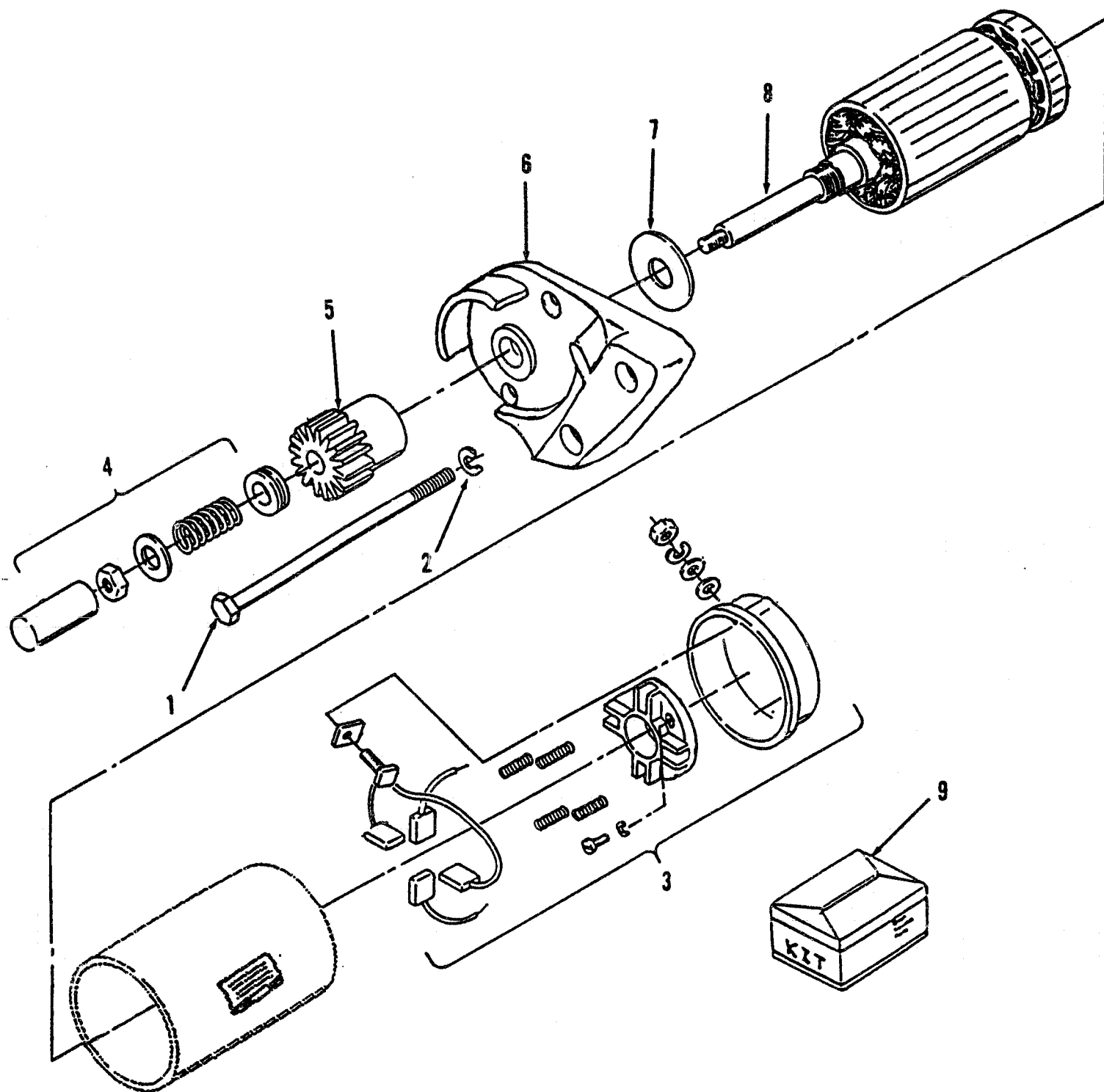


| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| 1 | 191-1011 | 1 | Screw & Washer Set |
| 2 | 191-0987 | 1 | Switch, Solenoid |
| 3 | 191-0988 | 2 | Bolt |
| 4 | 191-1009 | 1 | Plate, Rear (Includes Bearing) |
| 5 | 191-1010 | 1 | Bearing, Sleeve - Rear |
| 6 | 191-1006 | 1 | *Holder, Brush (Includes Negative Brushes & Springs) |
| 7 | 191-1008 | 1 | Brush, Negative |
| 8 | 191-1007 | 3 | Spring, Brush |
| 9 | 191-1001 | 1 | Coil Set, Field (Includes Field Coil, Pole Shoes and Positive Brushes) |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|----------------------------------|
| 10 | 191-1005 | 2 | Brush, Positive |
| 11 | 191-0997 | 1 | Washer Set, Thrust |
| 12 | 191-0996 | 1 | Armature |
| 13 | 191-0984 | 1 | Plate & Spring Set |
| 14 | 191-0983 | 1 | Lever |
| 15 | 191-0995 | 1 | Drive Assembly |
| 16 | 191-0991 | 1 | Stop Set |
| 17 | 191-0989 | 1 | Bracket Front (Includes Bearing) |
| 18 | 191-0990 | 1 | Bearing, Sleeve - Front |

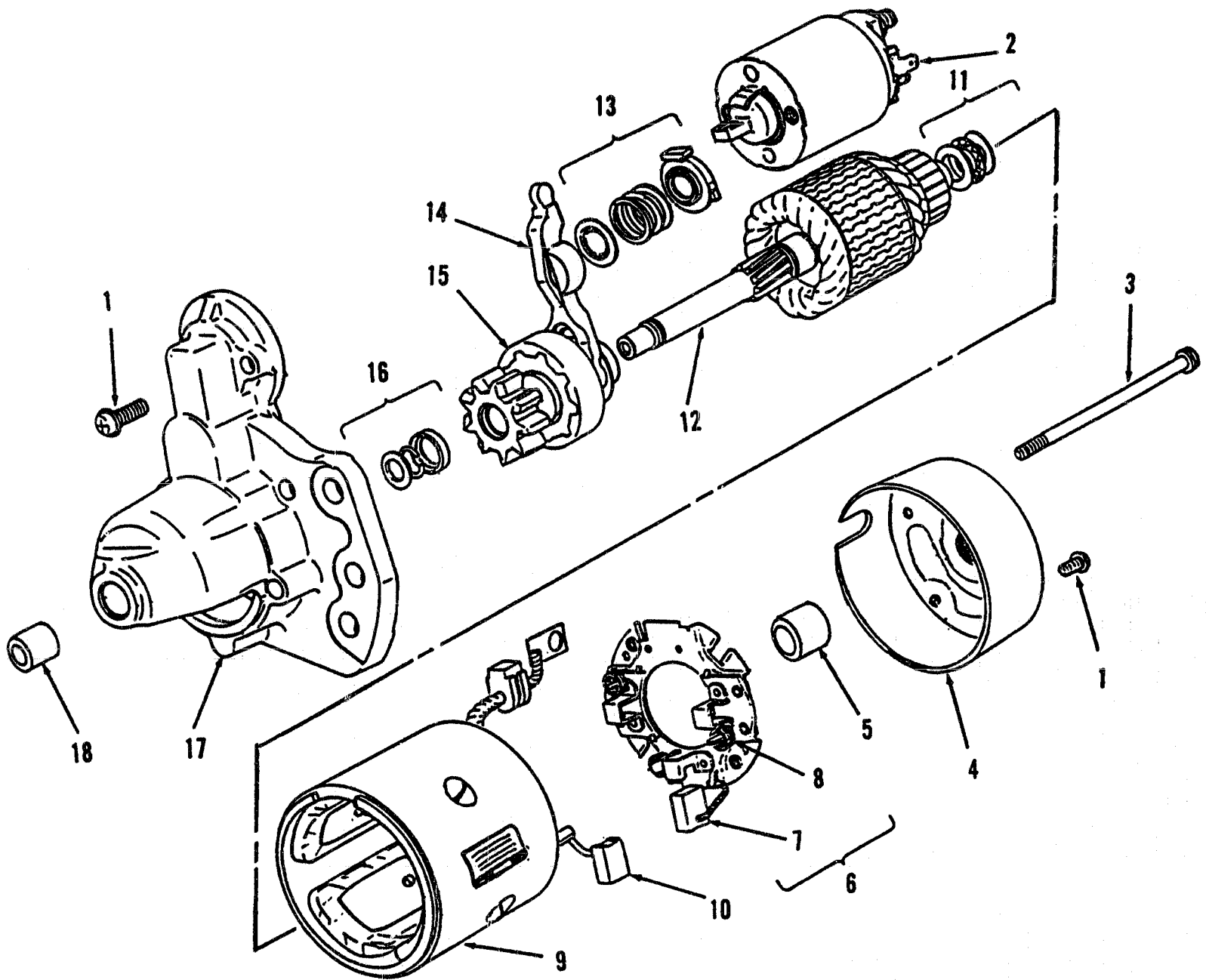
* Current Brush Holder 191-1006 is interchangeable with early version that was equipped with two negative brushes and four springs. Only one negative brush is required on all models.

191-0933



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|---------|----------|----------|--|
| 1 | 191-1048 | 2 | Bolt, Hex Head | 5 | 191-1036 | 1 | Gear, Drive |
| 2 | 850-0040 | 2 | Washer, Lock - Spring (1/4") | 6 | 191-1037 | 1 | Plate, Endcap - Front |
| 3 | 191-1040 | 1 | Cap Assembly, End (Includes Cap, Brushholder, Springs, Brushes, & Terminal Hardware) | 7 | 191-1038 | 1 | Washer, Thrust |
| 4 | 191-1359 | 1 | Cover Assembly (Includes Dust Cover, Spring, Spacer, Nut & Washer) | 8 | 191-1039 | 1 | Armature |
| | | | | 9 | 191-1041 | 1 | Repair Kit (Includes Brush with Stud, Springs & Brushes) |

191-1052



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| 1 | 191-1011 | 1 | Screw & Washer Set |
| 2 | 191-0987 | 1 | Switch, Solenoid |
| 3 | 191-0988 | 2 | Bolt |
| 4 | 191-1009 | 1 | Plate, Rear (Includes Bearing) |
| 5 | 191-1010 | 1 | Bearing, Sleeve - Rear |
| 6 | 191-1006 | 1 | *Holder, Brush (Includes Negative Brushes & Springs) |
| 7 | 191-1008 | 1 | Brush, Negative |
| 8 | 191-1007 | 3 | Spring, Brush |
| 9 | 191-1089 | 1 | Frame Assembly (Includes Frame, Field Coil, Pole Shoes & Positive Brushes) |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-----------------------------------|
| 10 | 191-1005 | 2 | Brush, Positive |
| 11 | 191-0997 | 1 | Washer Set, Thrust |
| 12 | 191-1088 | 1 | Armature |
| 13 | 191-0984 | 1 | Plate & Spring Set |
| 14 | 191-0983 | 1 | Lever |
| 15 | 191-1087 | 1 | Drive Assembly |
| 16 | 191-0991 | 1 | Stop Set |
| 17 | 191-1086 | 1 | Bracket, Front (Includes Bearing) |
| 18 | 191-0971 | 1 | Bearing, Sleeve - Front |

* Current brush holder 191-1006 is interchangeable with early version that was equipped with two negative brushes and four springs. Only one negative brush is required on all models.

191-1097

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---------------------------|
| 1 | 1967045 | 1 | *Armature |
| 2 | 1969128 | 1 | *Coil Assembly, Field |
| 3 | 1877355 | 1 | *Drive Assembly |
| 4 | 1946491 | 4 | *Brush |
| 5 | 1940477 | 2 | *Holder, Brush - Grounded |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|----------------------------|
| 6 | 1950546 | 2 | *Holder, Brush - Insulated |
| 7 | 1945620 | 2 | *Spring, Brush |
| 8 | 1115510 | 1 | *Switch, Solenoid |
| 9 | 1883865 | 2 | *Bolt, Thru |

* Part Numbers Listed are Delco-Remy

191-1111

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---------------------------|
| 1 | 191-1154 | 1 | Armature |
| 2 | 191-1155 | 1 | Cap Assembly, Comm |
| 3 | 191-1037 | 1 | Cap Assembly, End - Drive |
| 4 | 191-1156 | 1 | Drive Assembly |
| 5 | 191-1045 | 1 | Nut |
| 6 | 191-1157 | 2 | Bolt, Thru |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--------------------|
| 7 | 191-1035 | 1 | Spring, Anti-Drift |
| 8 | 191-1038 | 1 | Washer |
| 9 | 850-0040 | 1 | Washer, Lock |
| 10 | 191-1046 | 1 | Washer |
| 11 | 191-1047 | 1 | Spacer |
| 12 | 191-1034 | 1 | Cover |

191-1117

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|-------------|----------|-----------------------|
| 1 | 028300-1280 | 1 | *Drive Assembly |
| 2 | 053400-1560 | 1 | *Switch, Solenoid |
| 3 | 028200-1380 | 1 | *Armature |
| 4 | 028110-1330 | 1 | *Coil Assembly, Field |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|-------------|----------|------------------|
| 5 | 949173-0440 | 4 | *Spring, Brush |
| 6 | 028530-0480 | 4 | *Brush |
| 7 | 949042-0751 | 2 | *Bolt, Thru |

* Part Numbers Listed are Nippondenso

191-1119

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|-------------|----------|-------------------|
| 1 | 053400-1560 | 1 | *Switch, Solenoid |
| 2 | 949042-1700 | 2 | *Bolt, Thru |
| 3 | 949042-1691 | 6 | *Bolt, Thru |
| 4 | 028300-1280 | 1 | *Drive Assembly |
| 5 | 028200-1260 | 1 | *Armature |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|-------------|----------|-----------------------|
| 6 | 949042-1680 | 2 | *Bolt, Thru |
| 7 | 028110-1090 | 1 | *Coil Assembly, Field |
| 8 | 949173-0440 | 4 | *Spring, Brush |
| 9 | 028530-0480 | 4 | *Brush |

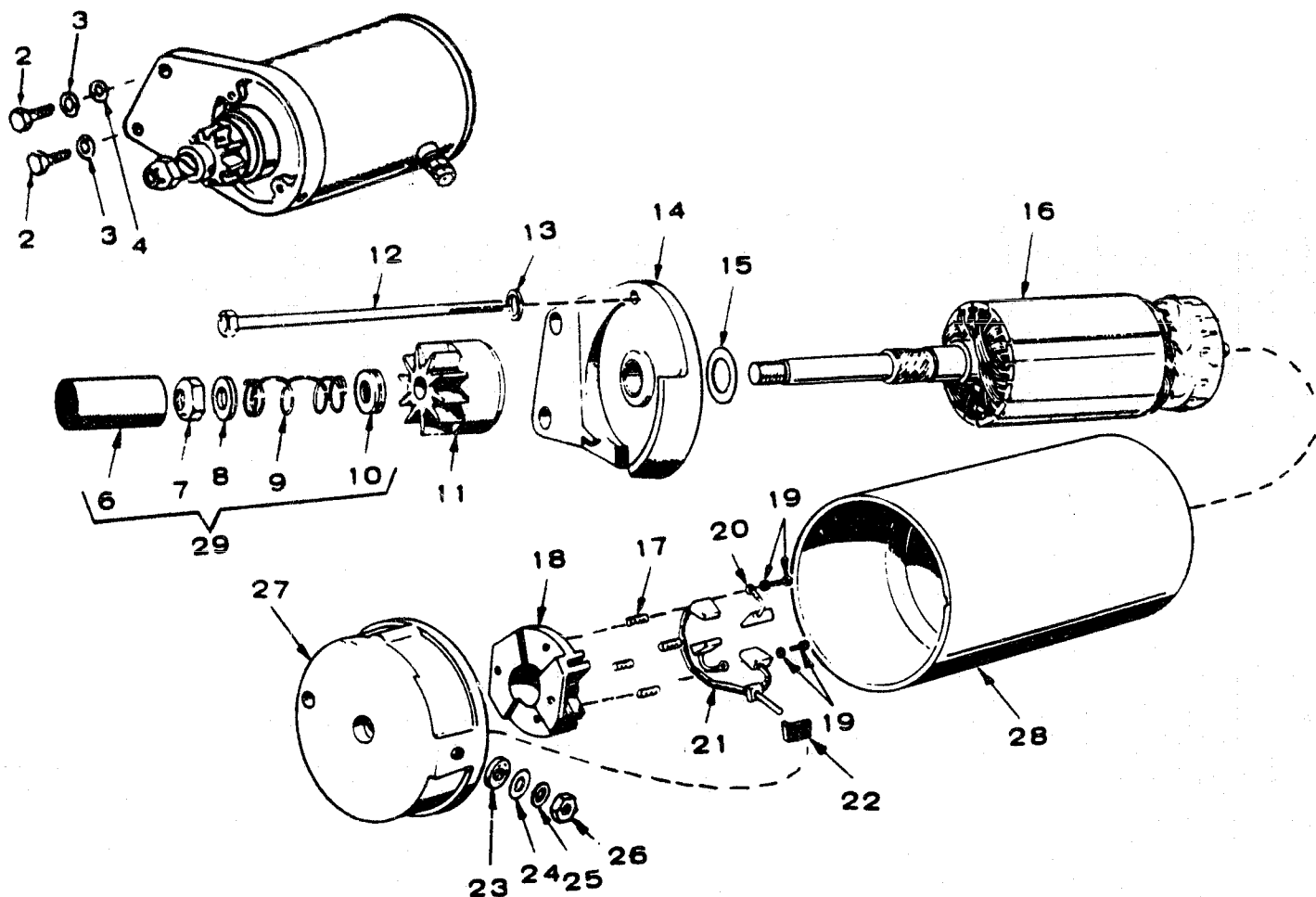
* Part Numbers Listed are Nippondenso

191-1158

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--------------------------------|
| 1 | 191-0517 | 1 | Armature |
| 2 | 191-1019 | 1 | Bearing Assembly, Intermediate |
| 3 | 191-0271 | 1 | Drive Assembly |
| 4 | 191-1018 | 1 | Head Assembly, Comm End |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--------------------|
| 5 | 191-1020 | 1 | Spring Set, Brush |
| 6 | 191-0735 | 1 | Bearing, Bronze |
| 7 | 191-1021 | 1 | Washer Pkg, Thrust |
| 8 | 191-0513 | 1 | Brush Set |

191-1171

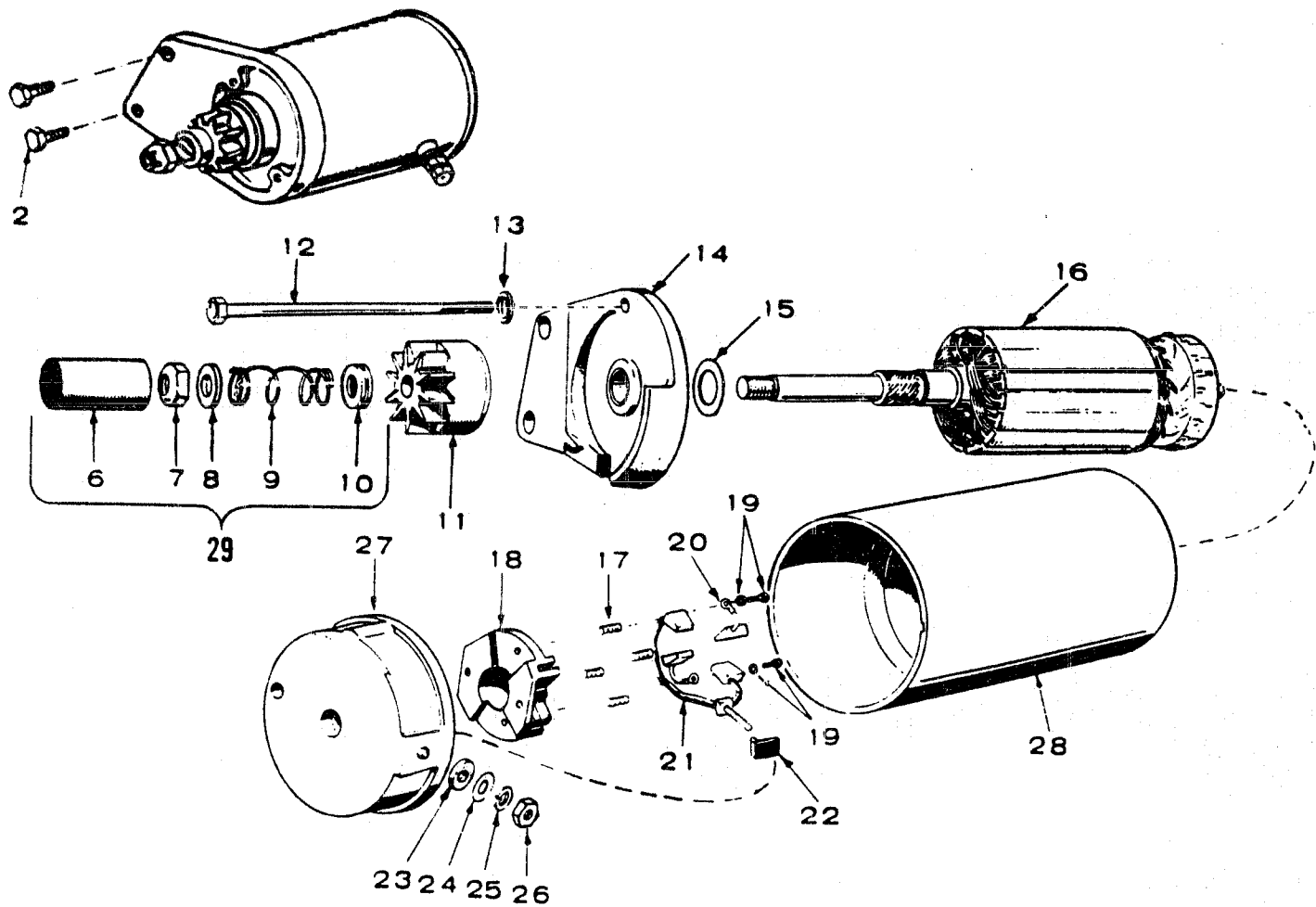


| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--------------------------------------|
| 2 | 800-0552 | 2 | Screw, Cap - Hex Head (5/16-18 x 1") |
| 3 | 850-0045 | 2 | Washer, Lock - Spring (5/16") |
| 4 | 526-0113 | 1 | Washer, Flat (5/16") |
| 6 | NFS | 1 | @Cover, Dust |
| 7 | NFS | 1 | @Nut, Stop |
| 8 | NFS | 1 | @Washer, Flat |
| 9 | NFS | 1 | @Spring, Anti-Drift |
| 10 | NFS | 1 | @Spacer, Cover - Dust |
| 11 | 191-1156 | 1 | Drive Assembly |
| 12 | 191-1220 | 2 | Screw, Cap - Hex Head |
| 13 | 850-0040 | 2 | Washer, Lock - Spring (1/4") |
| 14 | 191-1219 | 1 | Cap Assembly, End - Drive |
| 15 | 191-1038 | 1 | Washer, Thrust - Armature |
| 16 | 191-1221 | 1 | Armature |
| 17 | NFS | 4 | *+Spring |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| 18 | NFS | 1 | +Holder, Brush |
| 19 | NFS | 2 | +Screw & Lockwasher |
| 20 | NFS | 2 | *+Brush, Ground |
| 21 | NFS | 1 | *+Stud & Brush Assembly, Input |
| 22 | NFS | 1 | +Brushing, Insulation |
| 23 | NFS | 1 | Washer, Insulation |
| 24 | NFS | 1 | +Washer, Flat |
| 25 | NFS | 1 | +Washer, Lock |
| 26 | NFS | 1 | +Nut |
| 27 | 191-1040 | 1 | Cap Assembly, Commutator (Includes parts marked +) |
| 28 | NFS | 1 | Housing |
| 29 | 191-1359 | 1 | Service Pkg (Includes parts marked @) |
| 30 | 191-1222 | 1 | Repair Pkg (Includes parts marked *) |

+ Parts included in Commutator Cap Assembly
 * Parts included in Repair Package
 @ Parts included in Service Package

191-1205



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|
| 2 | 815-0570 | 2 | Screw, Cap - Hex Washer Head (5/16-18 x 1") |
| 6 | 191-1034 | 1 | @Cover, Dust |
| 7 | 191-1045 | 1 | @Nut, Stop |
| 8 | 191-1046 | 1 | @Washer, Nut - Stop |
| 9 | 191-1035 | 1 | @Spring, Anti-Drift |
| 10 | 191-1047 | 1 | @Spacer, Cover - Dust |
| 11 | 191-1156 | 1 | Drive Assembly |
| 12 | 191-1157 | 2 | Screw, Cap - Hex Head |
| 13 | 850-0040 | 2 | Washer, Lock (1/4") |
| 14 | 191-1223 | 1 | Cap Assembly, End - Drive |
| 15 | 191-1038 | 1 | washer, Thrust - Armature |
| 16 | 191-1154 | 1 | Armature |
| 17 | NFS | 4 | *+Spring, Brush |
| 18 | NFS | 1 | +Holder, Brush |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| 19 | NFS | 2 | +Screw & Lockwasher |
| 20 | NFS | 2 | *+Brush, Ground |
| 21 | NFS | 1 | *+Stud & Brush Assembly, Input |
| 22 | NFS | 1 | +Bushing, Insulation - Stud |
| 23 | NFS | 1 | +Washer, Insulation - Stud |
| 24 | NFS | 1 | +Washer, Flat - Stud |
| 25 | NFS | 1 | +Washer, Lock - Stud |
| 26 | NFS | 1 | +Nut, Securing - Stud |
| 27 | 191-1155 | 1 | Cap Assembly, Commutator (Includes parts marked +) |
| 28 | NFS | 1 | Housing |
| 29 | 191-1359 | 1 | Cover Assembly, Dust (Includes parts marked @) |
| 30 | 191-1222 | 1 | Repair Kit (Included parts marked *) |

+ Parts included in Commutator Cap Assembly
 @ Parts included in Dust Cover Assembly
 * Parts included in Repair Kit

191-1208

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|------------|----------|-----------------------|
| 1 | 2114-61006 | 1 | *Armature Assembly |
| 2 | 2114-8110 | 1 | *Washer Set, Thrust |
| 3 | 2114-42103 | 1 | *Coil Assembly, Field |
| 4 | 2114-5312 | 2 | *Brush, Positive |
| 5 | 2114-5313 | 2 | *Brush, Negative |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|------------|----------|-------------------------|
| 6 | 2114-4314 | 4 | *Spring, Brush |
| 7 | 2114-1360 | 1 | *Holder Assembly, Brush |
| 8 | 2114-35501 | 1 | *Drive Assembly |
| 9 | 2114-37002 | 1 | *Switch, Solenoid |
| 10 | 2114-8854 | 2 | *Bolt, Thru |

* Part Numbers Listed are Hitachi

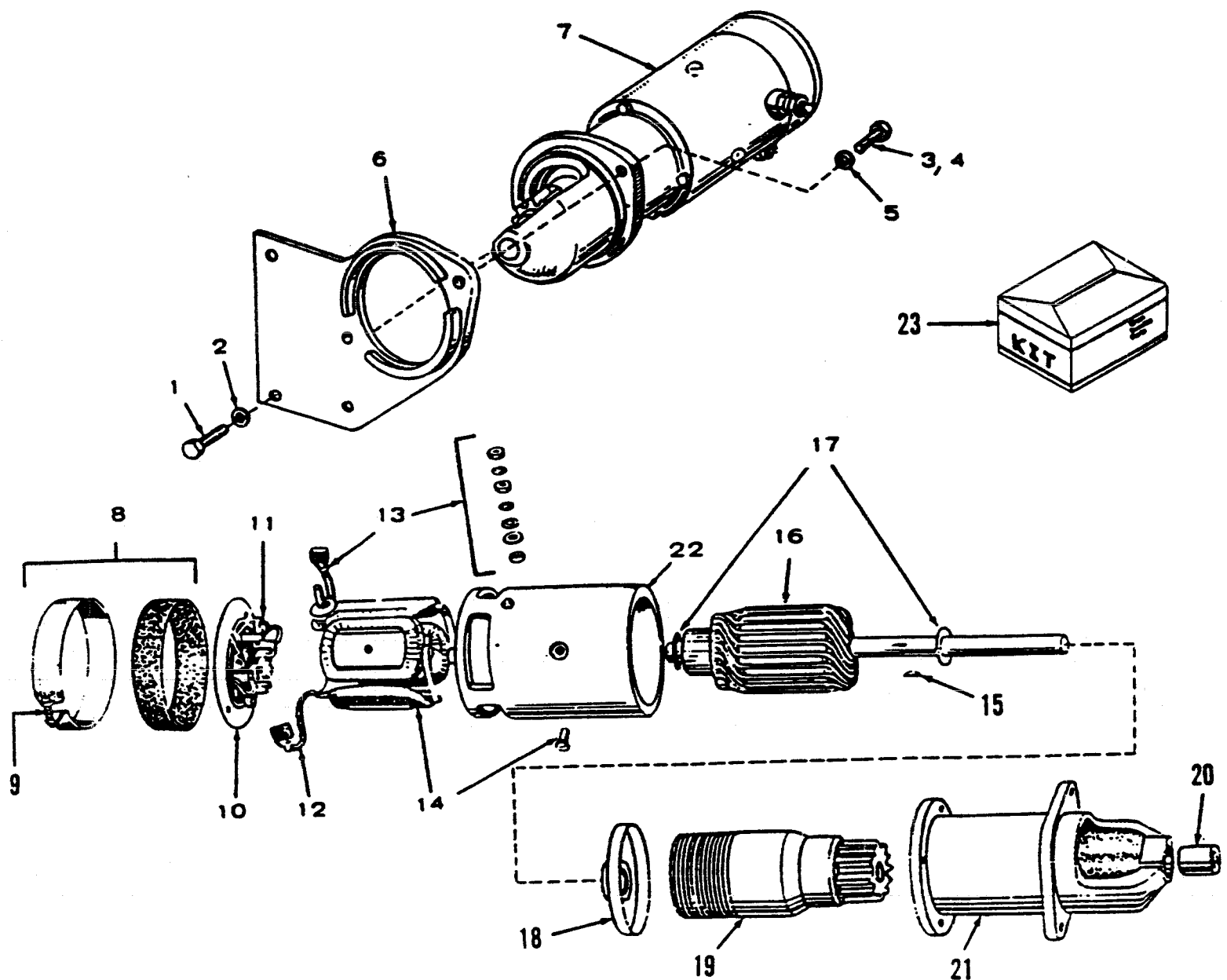
191-1209

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|------------|----------|----------------------------|
| 1 | MDL-2084 | 1 | *Armature |
| 2 | 90-328 | 1 | *Brush Holder & Spring Pkg |
| 3 | MDL-2012AS | 1 | *Brush Set |
| 4 | MCL-3075 | 1 | *Drive Assembly |
| 5 | MDT-1005S | 1 | *Coil Assembly, Field |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---------------------|
| 6 | MP-41A | 1 | *Bearing, Bronze |
| 7 | SAD-4501 | 1 | *Switch, Solenoid |
| 8 | SAD-27S | 1 | *Spring & Plug Pkg |
| 9 | GJ-20S | 1 | *Bolt Pkg, Thru |
| 10 | 90-81 | 1 | *Washer Pkg, Thrust |

* Part Numbers Listed are Prestolite

191-1246



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|---------|----------|----------|---|
| 1 | 800-0051 | 3 | Screw, Cap - Hex Head (3/8-16 x 1-1/4") | 11 | 191-1020 | 1 | Spring Set, Brush |
| 2 | 850-0050 | 3 | Washer, Lock - Spring (3/8") | 12 | 191-0513 | 1 | Brush Set |
| 3 | 800-0049 | 1 | Screw, Cap - Hex Head (3/8-16 x 7/8") | 13 | 191-1022 | 1 | Terminal Package |
| 4 | 800-0050 | 1 | Screw, Cap - Hex Head (3/8-16 x 1") | 14 | 191-1017 | 1 | Coil Assembly, Field |
| 5 | 850-0050 | 2 | Washer, Lock - Spring (3/8") | 15 | 515-0094 | 1 | Key, Woodruff (#6) |
| 6 | 191-0508 | 1 | Flange, Mounting - Starter | 16 | 191-0517 | 1 | Armature |
| 7 | 191-1246 | 1 | Starter, Sealed (Includes Parts Marked *) | 17 | 191-1021 | 1 | Washer Package, Thrust |
| 8 | 191-1267 | 1 | +Band, Cover (Includes Gasket and Hardware) | 18 | 191-1019 | 1 | Bearing Assembly, Intermediate |
| 9 | 813-0110 | 1 | +Screw, Machine - Round Head (#10-32 x 2") | 19 | 191-0271 | 1 | Drive Assembly |
| 10 | 191-1018 | 1 | Head Assembly, Commutator | 20 | 191-0735 | 1 | Bearing, Sleeve - Bronze |
| | | | | 21 | NFS | 1 | Pinion, Housing (With Drain Hole) |
| | | | | 22 | NFS | 1 | Frame, Starter - Sealed Type |
| | | | | 23 | 191-1524 | 1 | Band Kit, Starter (Includes Parts Marked +) |

+ Parts included in Starder Band Kit

191-1255

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|---------|----------|----------|--|
| 1 | 191-1048 | 2 | Bolt, Hex Head | 5 | 191-1036 | 1 | Gear, Drive |
| 2 | 850-0040 | 2 | Washer, Lock - Spring (1/4") | 6 | 191-1037 | 1 | Plate, Endcap - Front |
| 3 | 191-1040 | 1 | Cap Assembly, End (Includes Cap, Brushholder, Springs, Brushes, & Terminal Hardware) | 7 | 191-1038 | 1 | Washer, Thrust |
| 4 | 191-1359 | 1 | Cover Assembly (Includes Dust Cover, Spring, Spacer, Nut & Washer) | 8 | 191-1039 | 1 | Armature |
| | | | | 9 | 191-1041 | 1 | Repair Kit (Includes Brush with Stud, Springs & Brushes) |

191-1264

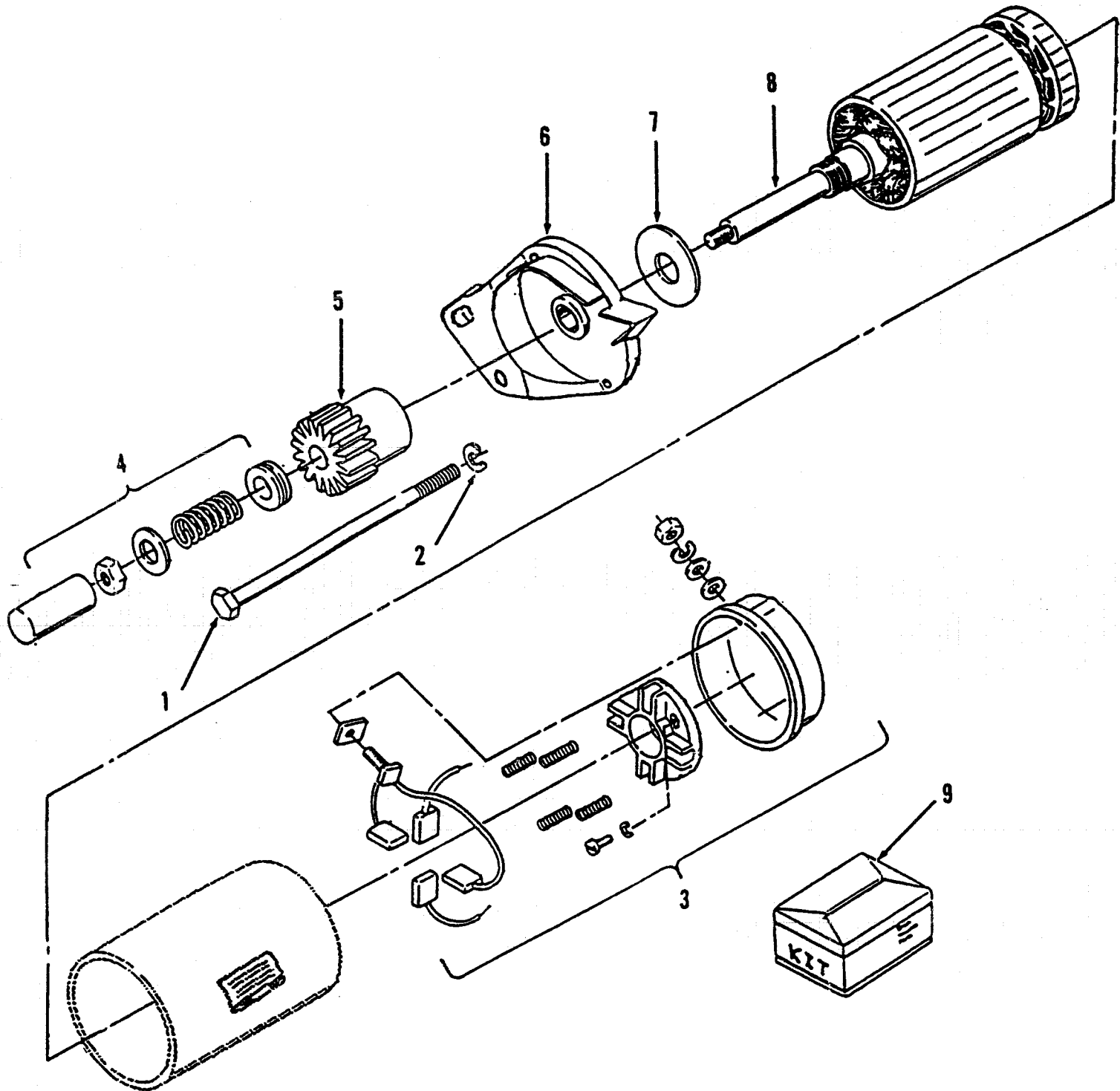
| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------------|---------|----------|----------|---------------------------------|
| 1 | 191-0712 | 1 | Armature | 10 | 191-1025 | 1 | Spring Set, Brush |
| 2 | 191-0432 | 1 | Drive Assembly | 11 | 191-1323 | 1 | Switch, Solenoid |
| 3 | 191-1024 | 1 | Coil Assembly, Field | 12 | 191-1386 | 1 | Plug Pkg, Spring |
| 4 | 191-1023 | 1 | Head Assembly, Commutator End | 13 | 191-1263 | 1 | Switch Connection & Grommet Pkg |
| 5 | 191-0497 | 1 | Bearing, Bronze | 14 | 191-1139 | 1 | Washer Pkg, Thrust |
| 6 | 191-1028 | 1 | Core Assembly, Moving | 15 | 191-1032 | 1 | Yoke |
| 7 | 191-1134 | 1 | Cap, Rubber | 16 | 191-1382 | 1 | Yoke Cover & Misc Parts Pkg |
| 8 | 191-1383 | 1 | Drive Assembly | 17 | 191-1384 | 1 | Brush Set |
| 9 | 191-1025 | 1 | Plate Assembly, Brush | 18 | 191-1385 | 1 | Switch Cover & Stud Pkg |

191-1282

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------------|---------|----------|----------|----------------------------|
| 1 | 1967045 | 1 | *Armature | 6 | 1950546 | 2 | *Holder, Brush - Insulated |
| 2 | 1946386 | 1 | *Coil, Field | 7 | 1945620 | 4 | *Spring, Brush |
| 3 | 1877355 | 1 | *Drive Assembly | 8 | 1115510 | 1 | *Switch, Solenoid |
| 4 | 1906987 | 4 | *Brush | 9 | 1883865 | 2 | *Bolt, Thru |
| 5 | 1940477 | 2 | *Holder, Brush - Ground | | | | |

* Part Numbers Listed are Delco Remy

191-1294



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|---------|----------|----------|--|
| 1 | 191-1157 | 2 | Bolt, Hex Head | 5 | 191-1156 | 1 | Gear, Drive |
| 2 | 850-0040 | 2 | Washer, Lock - Spring (1/4") | 6 | 191-1597 | 1 | Plate, End-Cap - Front |
| 3 | 191-1155 | 1 | Cap Assembly, End (Includes Cap, Brushholder, Springs, Brushes, & Terminal Hdw) | 7 | 191-1038 | 1 | Washer, Thrust |
| 4 | 191-1359 | 1 | Cover Assembly (Includes Dust Cover, Spring, Spacer, Nut & Washer) | 8 | 191-1154 | 1 | Armature |
| | | | | 9 | 191-1222 | 1 | Repair Kit (Includes Brush With Stud, Springs & Brushes) |

191-1305

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|---------|----------|----------|--|
| 1 | 60600616 | 1 | *Bracket Assembly, End - Comm | 11 | 54247027 | 1 | *Sundry Parts Kit (Includes Spire Washer, Terminal Pin, Nuts, Washers, Insul Bushing Four C.E. Bracket Screws, Four Brush Springs, Four Screw Pole Shoe Fixing, a Jump Ring, & Thrust Collar |
| 2 | 60600056 | 1 | *Brush Set | | | | |
| 3 | 54260252 | 1 | *Coil Assembly, Field | | | | |
| 4 | 54247025 | 1 | *Armature | | | | |
| 5 | 54245339 | 1 | *Retention Kit (Includes Jump Ring, & Thrust Collar) | | | | |
| 6 | 76889 | 1 | *Switch, Solenoid | 12 | 54160560 | 1 | *Washer, Spire |
| 7 | 54244686 | 1 | *Drive Assembly | | | | |
| 8 | 54261090 | 1 | *Pin, Pivot | | | | |
| 9 | 54245343 | 1 | *Bushing Kit (Includes Comm End & Drive End Bushings) | | | | |
| 10 | 60600569 | 1 | *Sealing Kit (Includes Two Grommets, 2 Sealing Caps, Two Gaskets, Sealing Boot, Sealing Piece, Felt Pad & "O" Ring | | | | |

* Part Numbers Listed are Lucas

191-1318

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-----------------------|---------|----------|----------|----------------------------|
| 1 | 1967044 | 1 | *Armature | 5 | 1940477 | 2 | *Holder, Brush - Ground |
| 2 | 1852026 | 1 | *Coil Assembly, Field | 6 | 1950546 | 2 | *Holder, Brush - Insulated |
| 3 | 830622 | 1 | *Drive Assembly | 7 | 1945620 | 4 | *Spring, Brush |
| 4 | 1906990 | 4 | *Brush | 8 | 1119848 | 1 | *Switch, Solenoid |

* Part Numbers Listed are Delco Remy

191-1348

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-----------------------|---------|----------|----------|-------------------|
| 1 | 1945500 | 1 | *Armature | 4 | 1115559 | 1 | *Switch, Solenoid |
| 2 | 1974929 | 1 | *Coil Assembly, Field | 5 | 1852883 | 4 | *Brush |
| 3 | 1976884 | 1 | *Drive Assembly | 6 | 1979391 | 4 | *Spring, Brush |

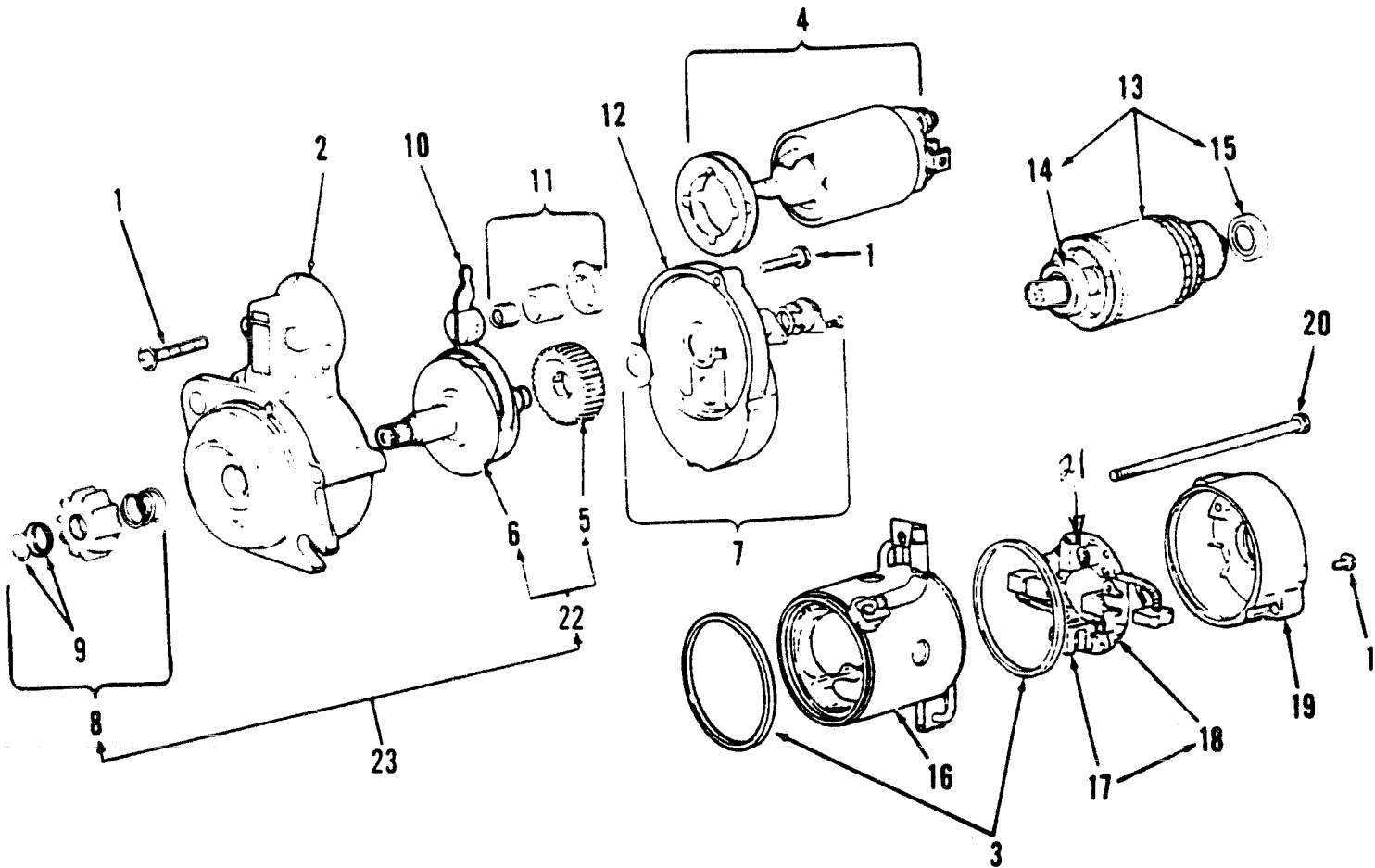
* Part Numbers Listed are Delco Remy

191-1349

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-----------------------|---------|----------|----------|----------------------------|
| 1 | 1967044 | 1 | *Armature | 5 | 1940477 | 2 | *Holder, Brush - Ground |
| 2 | 1852026 | 1 | *Coil Assembly, Field | 6 | 1950546 | 2 | *Holder, Brush - Insulated |
| 3 | 1906990 | 4 | *Brush | 7 | 1115559 | 1 | *Switch, Solenoid |
| 4 | 1945620 | 2 | *Spring, Brush | 8 | 830622 | 1 | *Drive Assembly |

* Part Numbers Listed are Delco Remy

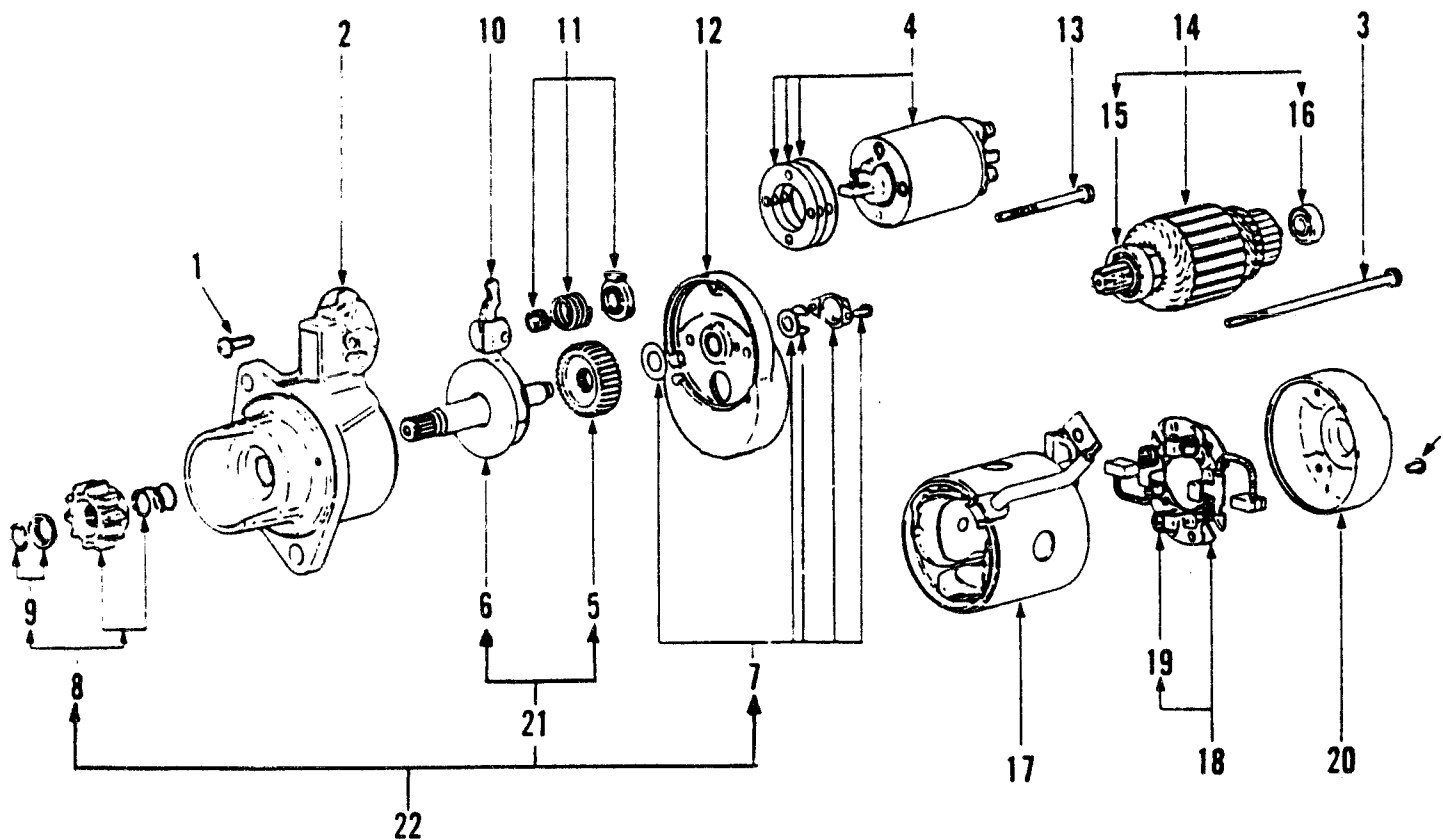
191-1394



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|
| 1 | 191-1450 | 1 | Screw Set |
| 2 | 191-1449 | 1 | Bracket Assembly, Front (Includes Bearing) |
| 4 | 191-1430 | 1 | Switch, Solenoid |
| 5 | 191-1446 | 1 | Gear |
| 6 | 191-1445 | 1 | Drive Assembly |
| 7 | 191-1444 | 1 | Cover Set (Includes Cover Plate, Washers, Snap Ring and Screws) |
| 8 | 191-1443 | 1 | Pinion Set (Includes Pinion, Spring and Stopper Set) |
| 9 | 191-1442 | 1 | Stopper Set (Includes Stopper and Ring) |
| 10 | 191-1441 | 1 | Lever Assembly |
| 11 | 191-1440 | 1 | Spring Set |
| 12 | 191-1439 | 1 | Bracket Assembly, Center |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| 13 | 191-1438 | 1 | Armature Assembly (Includes Bearings) |
| 14 | 191-1437 | 1 | Bearing, Center |
| 15 | 191-1436 | 1 | Bearing, Rear |
| 16 | 191-1435 | 1 | Yoke Assembly (Includes Pole Shoes, Field Coil and Positive Brushes) |
| 17 | 191-1434 | 1 | Holder, Brush (Includes Negative Brushes) |
| 18 | 191-1433 | 4 | Spring, Brush |
| 19 | 191-1432 | 1 | Bracket, Rear |
| 20 | 191-1431 | 1 | Bolt Set |
| 21 | 191-1945 | 4 | Brush |
| 22 | 191-1447 | 1 | Gear Set |
| 23 | 191-1448 | 1 | Drive Assembly |

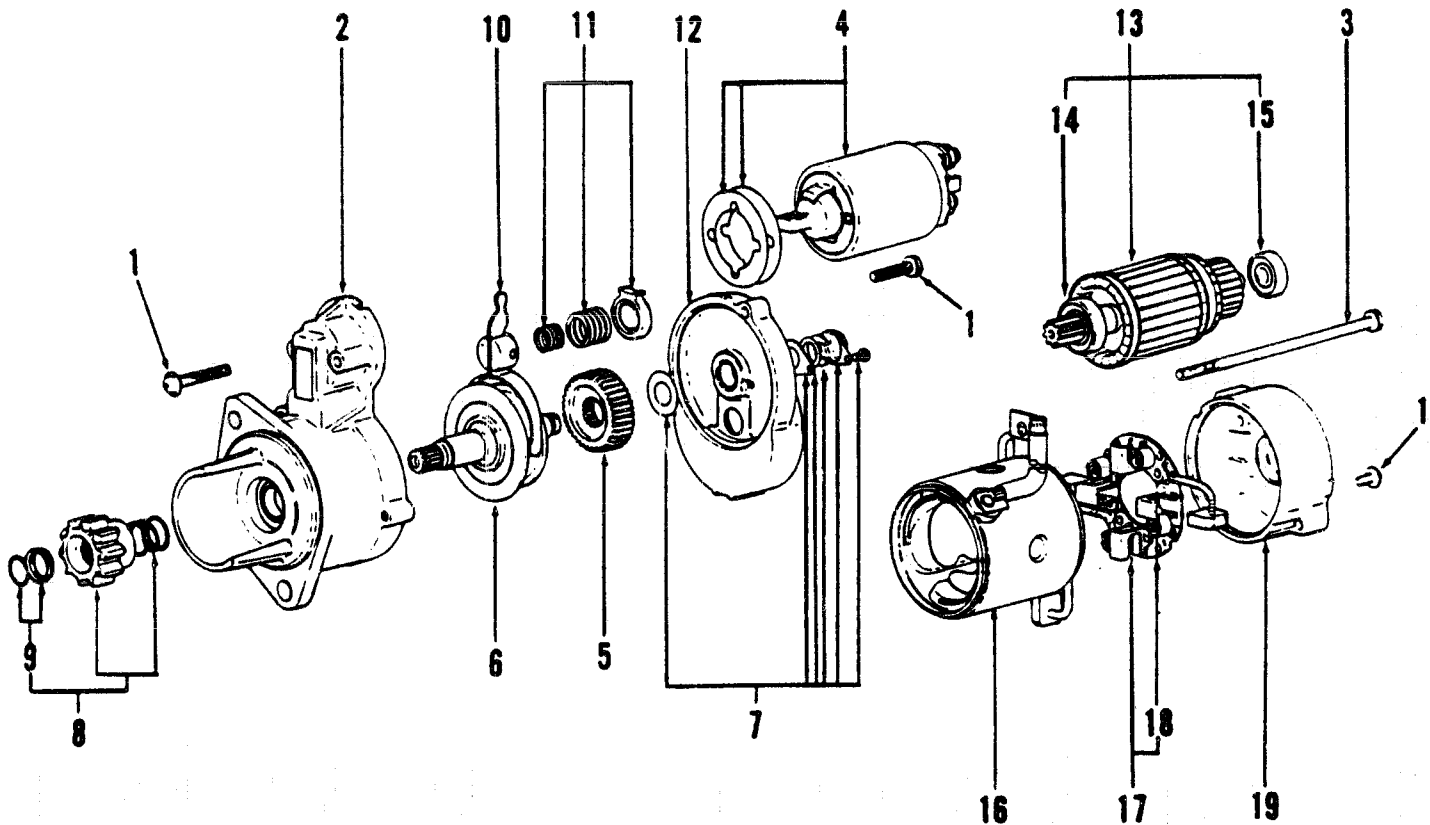
191-1398



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-----------------------------------|
| 1 | 191-1458 | 1 | Screw Set |
| 2 | 191-1459 | 1 | Bracket, Front (Includes Bearing) |
| 3 | 191-1477 | 1 | Bolt, Thru |
| 4 | 191-1478 | 1 | Switch, Solenoid |
| 5 | 191-1462 | 1 | Gear |
| 6 | 191-1463 | 1 | Drive |
| 7 | 191-1464 | 1 | Cover Set |
| 8 | 191-1465 | 1 | Pinion Set (Includes Stopper Set) |
| 9 | 191-1466 | 1 | Stopper Set |
| 10 | 191-1467 | 1 | Lever |
| 11 | 191-1468 | 1 | Spring Set |
| 12 | 191-1469 | 1 | Bracket, Center |
| 13 | 191-1470 | 1 | Bolt, Thru |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| 14 | 191-1471 | 1 | Armature Assembly (Includes Center, & Rear Bearings) |
| 15 | 191-1472 | 1 | Bearing, Center |
| 16 | 191-1473 | 1 | Bearing, Rear |
| 17 | 191-1474 | 1 | Yoke Assembly (Includes Pole Shoes Field Coil & Positive Brushes) |
| 18 | 191-1475 | 1 | Holder Assembly, Brush (Includes Negative Brushes & Brush Springs) |
| 19 | 191-1007 | 4 | Spring, Brush |
| 20 | 191-1476 | 1 | Bracket, Rear |
| 21 | 191-1461 | 1 | Gear Set |
| 22 | 191-1460 | 1 | Drive Assembly |

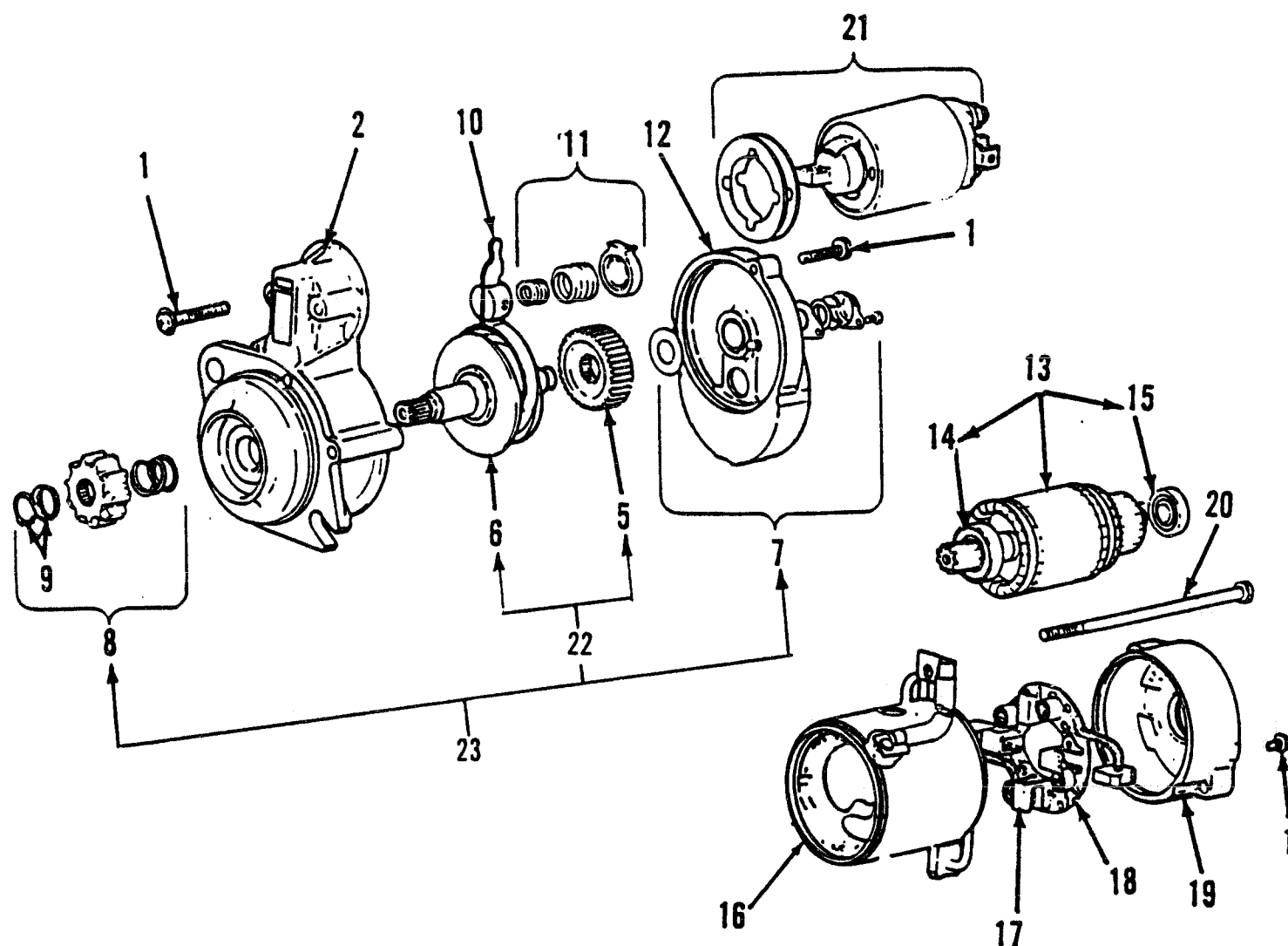
191-1399



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-----------------------------------|
| 1 | 191-1450 | 1 | Screw Set |
| 2 | 191-1479 | 1 | Bracket, Front (Includes Bearing) |
| 3 | 191-1431 | 1 | Bolt Set |
| 4 | 191-1486 | 1 | Switch, Solenoid |
| 5 | 191-1446 | 1 | Gear |
| 6 | 191-1482 | 1 | Drive Assembly |
| 7 | 191-1444 | 1 | Cover Set |
| 8 | 191-1483 | 1 | Pinion Set (Includes Stopper Set) |
| 9 | 191-1442 | 1 | Stopper Set |
| 10 | 191-1484 | 1 | Lever |
| 11 | 191-1440 | 1 | Spring Set |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| 12 | 191-1439 | 1 | Bracket, Center |
| 13 | 191-1438 | 1 | Armature Assembly (Includes Center, & Rear Bearings) |
| 14 | 191-1437 | 1 | Bearing, Center |
| 15 | 191-1436 | 1 | Bearing, Rear |
| 16 | 191-1485 | 1 | Yoke Assembly (Includes Pole Shoes Field Coil & Positive Brushes) |
| 17 | 191-1434 | 1 | Holder Assembly, Brush (Includes Negative Brushes & Brush Springs) |
| 18 | 191-1433 | 4 | Spring, Brush |
| 19 | 191-1432 | 1 | Bracket, Rear |

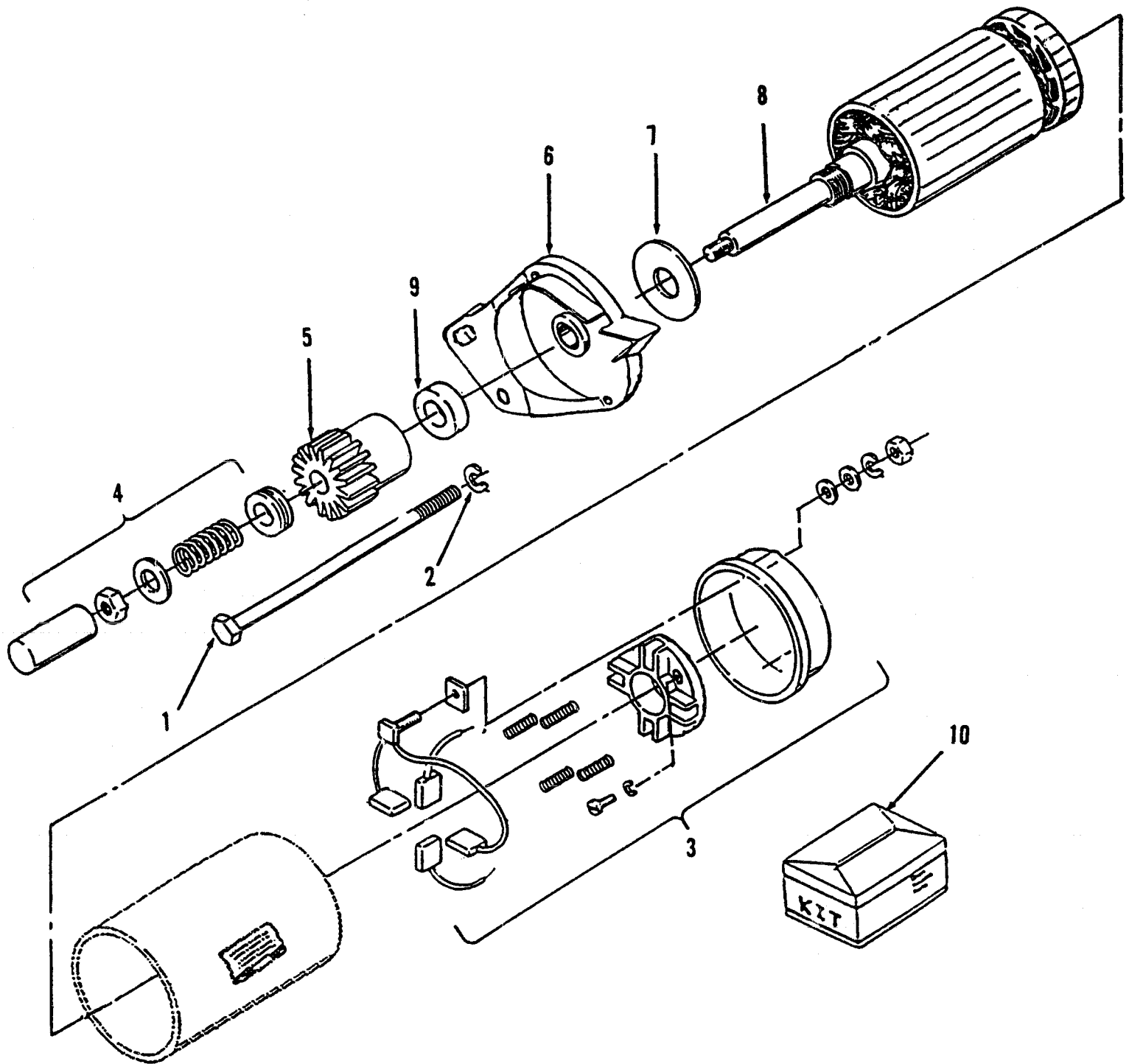
191-1550



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| 1 | 191-1450 | 1 | Screw Set |
| 2 | 191-1449 | 1 | Bracket Assembly, Front (Includes Bearing) |
| 5 | 191-1446 | 1 | Gear |
| 6 | 191-1445 | 1 | Drive |
| 7 | 191-1444 | 1 | Cover Set, Rear (Includes Cover, Plate, Washers, Screws and Snap Ring) |
| 8 | 191-1443 | 1 | Pinion Set (Includes Pinion, Spring & Stopper Set) |
| 9 | 191-1442 | 1 | Stopper Set (Includes Stopper & Ring) |
| 10 | 191-1441 | 1 | Lever |
| 11 | 191-1440 | 1 | Spring Set |
| 12 | 191-1439 | 1 | Bracket, Center |

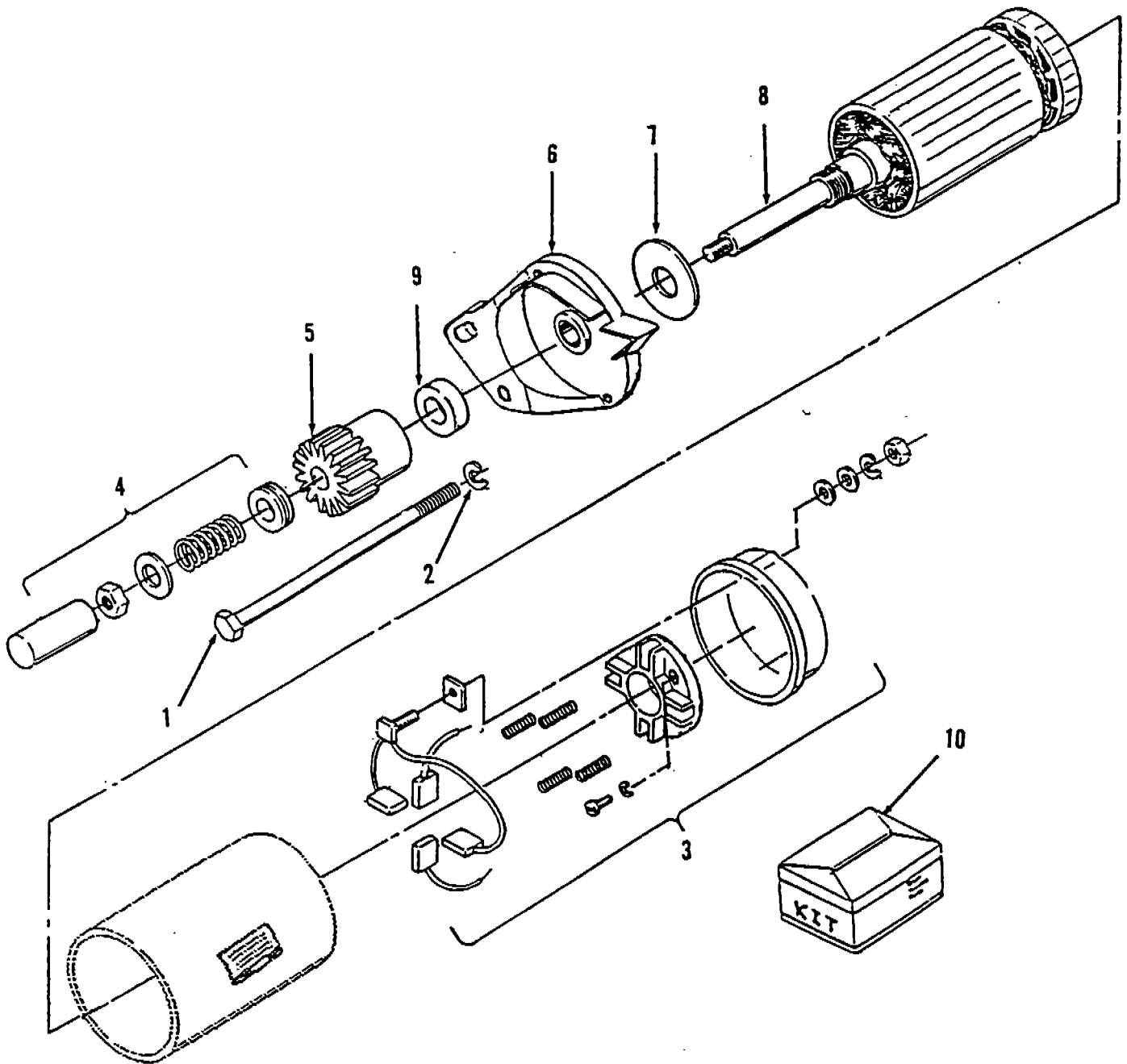
| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| 13 | 191-1606 | 1 | Armature (Includes Bearings) |
| 14 | 191-1437 | 1 | Bearing, Sleeve - Center |
| 15 | 191-1436 | 1 | Bearing, Sleeve - Rear |
| 16 | 191-1607 | 1 | Yoke (Includes Pole Shoes, Field Coil, Positive Brushes) |
| 17 | 191-1608 | 1 | Holder, Brush (Includes Negative Brushes) |
| 18 | 191-1433 | 4 | Spring, Brush |
| 19 | 191-1432 | 1 | Bracket, Rear |
| 20 | 191-1431 | 1 | Bolt Set |
| 21 | 191-1609 | 1 | Switch, Solenoid (Includes Shims) |
| 22 | 191-1447 | 1 | Gear Set |
| 23 | 191-1448 | 1 | Drive Assembly |

191-1567



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|---------|----------|----------|--|
| 1 | 191-1157 | 2 | Bolt, Hex Head | 5 | 191-1036 | 1 | Gear, Drive |
| 2 | 850-0040 | 2 | Washer, Lock - Spring (1/4") | 6 | 191-1597 | 1 | Plate, End-Cap - Front |
| 3 | 191-1532 | 1 | Cap Assembly, End (Includes Cap, Brushholder, Springs, Brushes, Terminal Hardware) | 7 | 191-1038 | 1 | Washer, Thrust |
| 4 | 191-1359 | 1 | Cover Assembly (Includes Dust Cover, Spring, Spacer, Nut and Washer) | 8 | 191-1039 | 1 | Armature |
| | | | | 9 | 191-1534 | 1 | Seal, Dust |
| | | | | 10 | 191-1533 | 1 | Repair Kit (Includes Brush With Stud, Springs & Brushes) |

191-1587



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|---------|----------|----------|--|
| 1 | 191-1157 | 2 | Bolt, Hex Head | 5 | 191-1156 | 1 | Gear, Drive |
| 2 | 850-0040 | 2 | Washer, Lock - Spring (1/4") | 6 | 191-1597 | 1 | Plate, End-Cap - Front |
| 3 | 191-1155 | 1 | Cap Assembly, End (Includes Cap, Brushholder, Springs, Brushes, Terminal Hardware) | 7 | 191-1038 | 1 | Washer, Thrust |
| 4 | 191-1359 | 1 | Cover Assembly (Includes Dust Cover, Spring, Spacer, Nut and Washer) | 8 | 191-1154 | 1 | Armature |
| | | | | 9 | 191-1534 | 1 | Seal, Dust |
| | | | | 10 | 191-1222 | 1 | Repair Kit (Includes Brush With Stud, Springs & Brushes) |

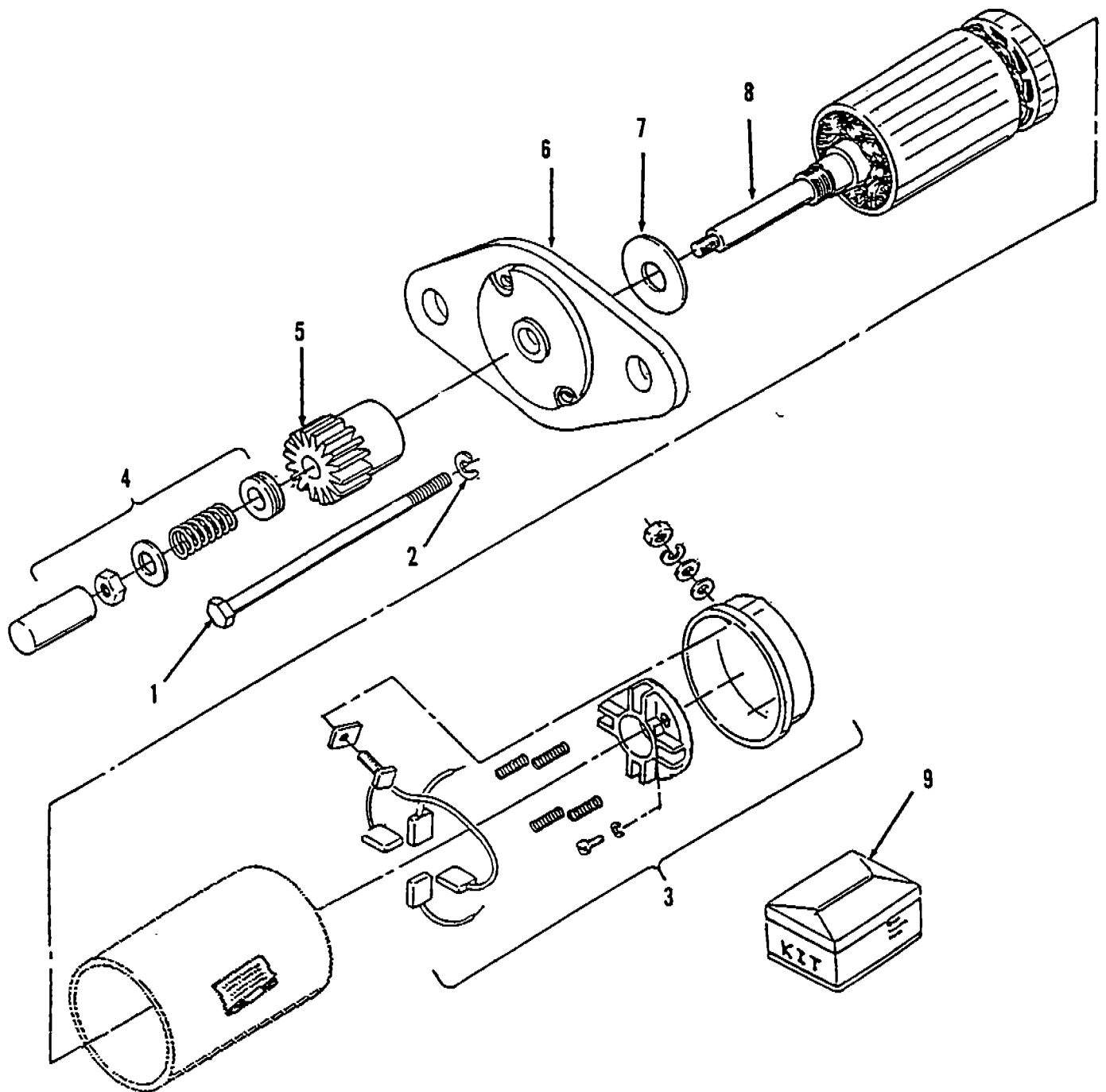
191-1588

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|------------|-------------|-------------|-----------------------|
| 1 | 1945840 | 1 | *Armature |
| 2 | 1945853 | 1 | *Coil Assembly, Field |
| 3 | 1976884 | 1 | *Drive Assembly |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|------------|-------------|-------------|---------------------|
| 4 | 1115559 | 1 | *Switch, Solenoid |
| 5 | 1852888 | 4 | *Brush |
| 6 | 1984979 | 4 | *Spring, Brush |

* Part Numbers Listed are Delco-Remy

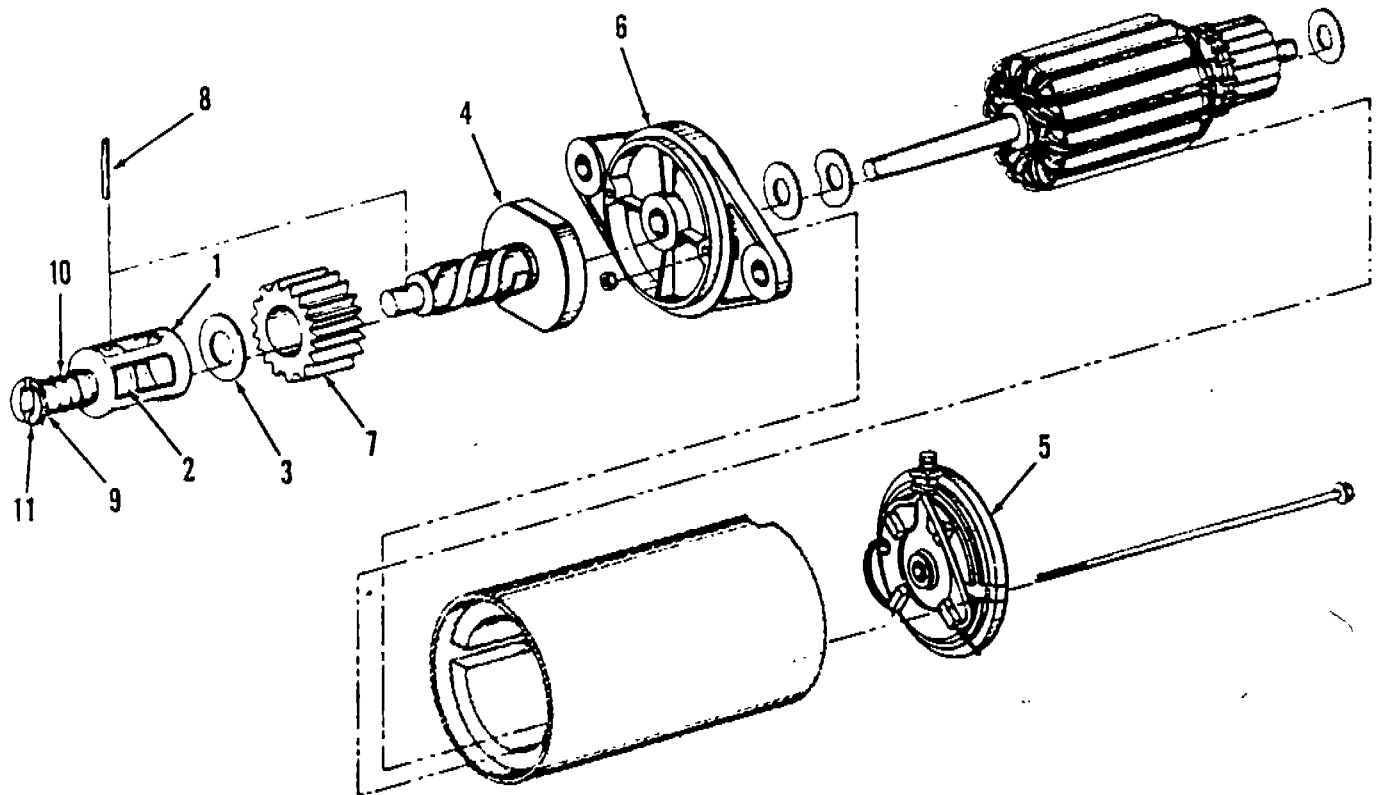
191-1099



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|---------|----------|----------|--|
| 1 | 191-1048 | 2 | Bolt, Hex Head | 5 | 191-1156 | 1 | Gear, Drive |
| 2 | 850-0040 | 2 | Washer, Lock - Spring (1/4") | 6 | 191-1633 | 1 | Plate, End-Cap - Front |
| 3 | 191-1040 | 1 | Cap Assembly, End (Includes Cap, Brushholder, Springs, Brushes, Terminal Hardware) | 7 | 191-1038 | 1 | Washer, Thrust |
| 4 | 191-1359 | 1 | Cover Assembly | 8 | 191-1039 | 1 | Armature |
| | | | http://stores.ebay.com/UsefulCDs | 9 | 191-1041 | 1 | Repair Kit (Includes Brush with End Cap and Springs) |

BGD

191-1630 → Sps to 191-2132 → Sps to 191-2158

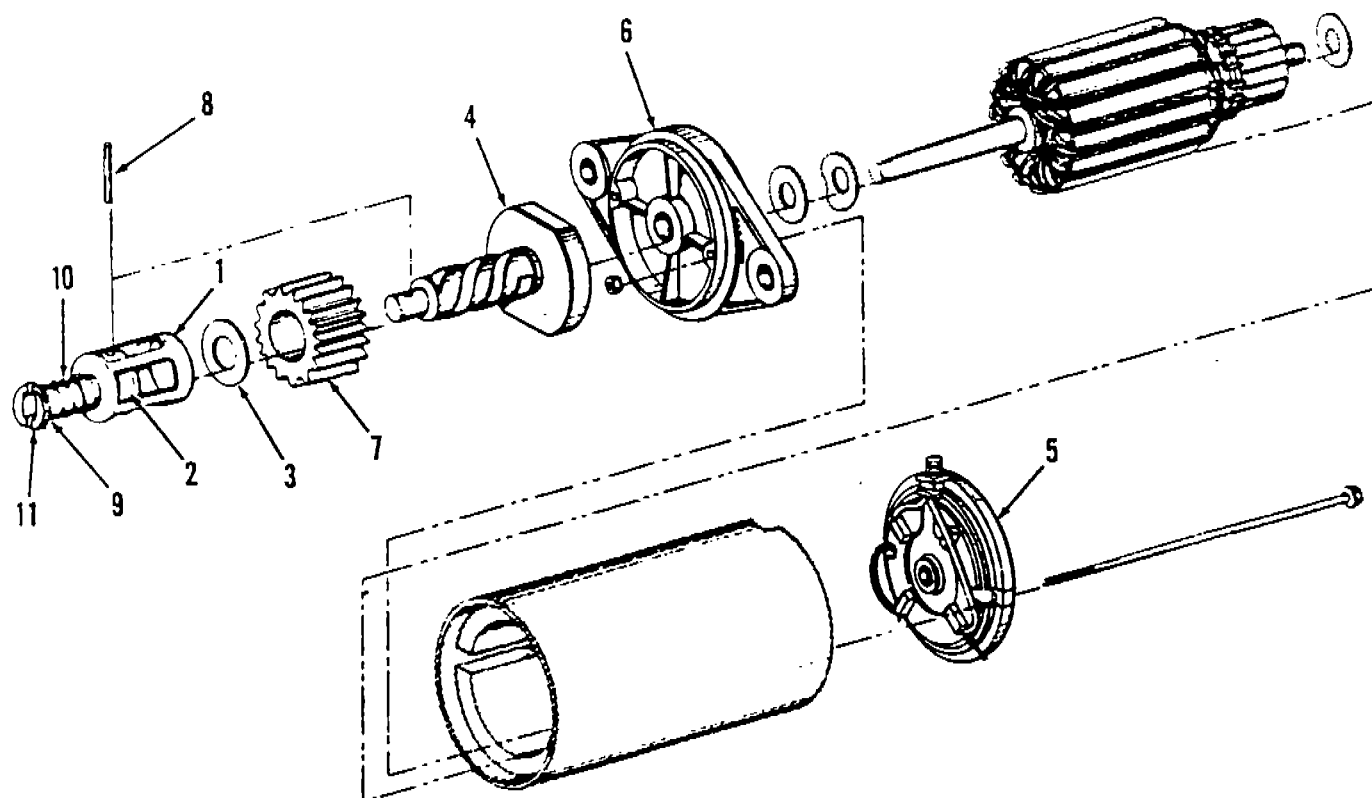


| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|------------------|
| 1 | 191-1817 | 1 | Cover, Spring |
| 2 | 191-1818 | 1 | Retainer, Clutch |
| 3 | 191-1785 | 1 | Washer, Drive |
| 4 | 191-1784 | 1 | Clutch & Spline |
| 5 | 191-1781 | 1 | Cap, End |
| 6 | 191-1776 | 1 | Cap, End - Drive |
| 7 | 191-1819 | 1 | Gear, Drive |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|------------------|
| 8 | 191-1786 | 1 | Pin, Roll |
| 9 | 191-1822 | 1 | Washer, Pinion |
| 10 | 191-1820 | 1 | Spring, Pinion |
| 11 | 191-1821 | 1 | Retainer, Spring |
| 12 | | | *Brush |
| | 398883 | 2 | Negative |
| | 398884 | 2 | Positive |

* Part Numbers Listed are Briggs & Stratton
191-2129 Kit

191-1667

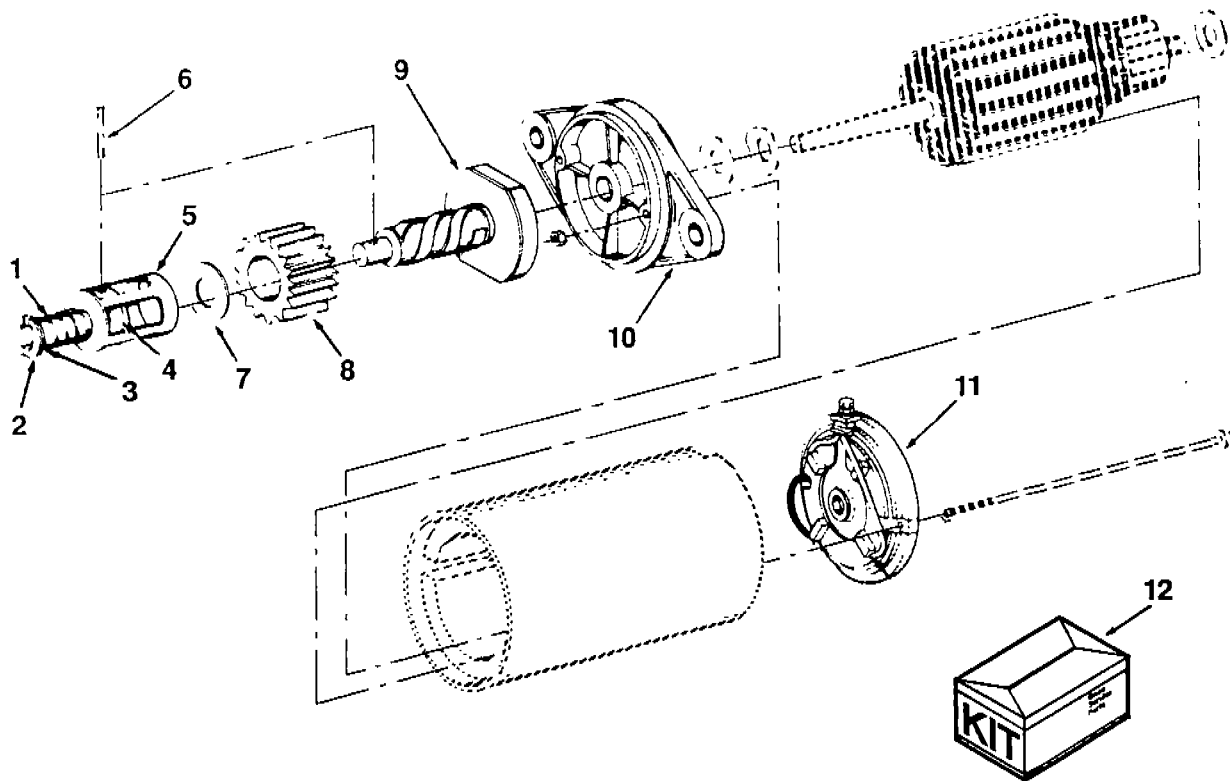


| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|------------------|
| 1 | 191-1817 | 1 | Cover, Spring |
| 2 | 191-1818 | 1 | Retainer, Clutch |
| 3 | 191-1785 | 1 | Washer, Drive |
| 4 | 191-1784 | 1 | Clutch & Spline |
| 5 | 191-1781 | 1 | Cap, End |
| 6 | 191-1776 | 1 | Cap, End - Drive |
| 7 | 191-1819 | 1 | Gear, Drive |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|------------------|
| 8 | 191-1786 | 1 | Pin, Roll |
| 9 | 191-1822 | 1 | Washer, Pinion |
| 10 | 191-1820 | 1 | Spring, Pinion |
| 11 | 191-1821 | 1 | Retainer, Spring |
| 12 | | | *Brush |
| | 398883 | 2 | Negative |
| | 398884 | 2 | Positive |

* Part Numbers Listed are Briggs & Stratton

Starter Components → Sps to 191-2132 → Sps to 191-2158

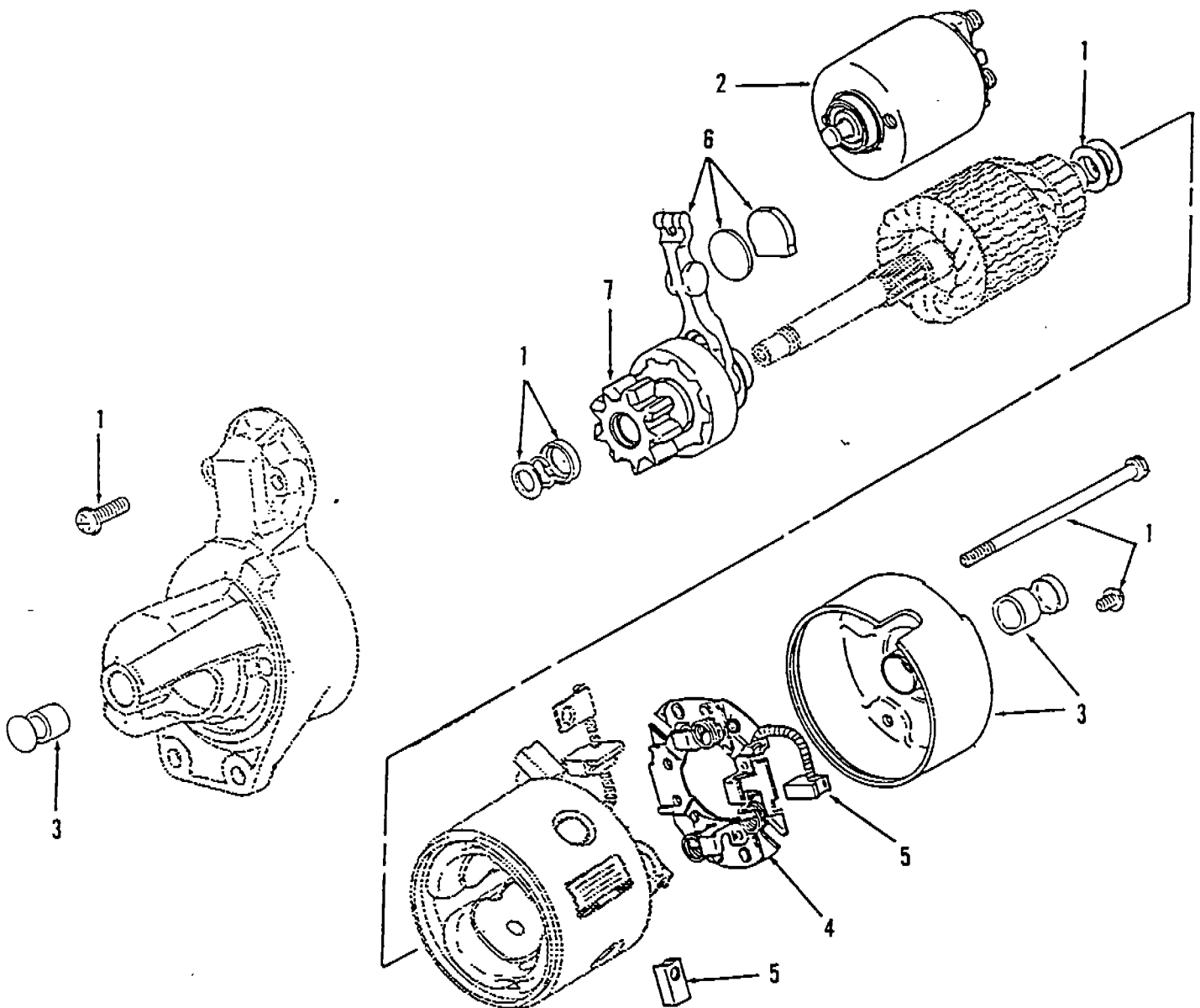


| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|-------------------|
| | 191-1630 | 1 | Starter (B1) |
| -1 | 191-1820 | 1 | *Spring, Pinion |
| -2 | 191-1821 | 1 | *Retainer, Spring |
| -3 | 191-1822 | 1 | *Washer, Pinion |
| -4 | 191-1818 | 1 | *Retainer, Clutch |
| -5 | 191-1817 | 1 | *Cover, Spring |
| -6 | 191-1786 | 1 | *Pin, Roll |
| -7 | 191-1785 | 1 | *Washer, Drive |
| -8 | 191-1819 | 1 | *Gear, Starter |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| -9 | 191-1784 | 1 | *Clutch and Spline |
| -10 | 191-1776 | 1 | *Cap, Drive End |
| -11 | 191-1781 | 1 | *Cap, End |
| 12 | 191-2129 | 1 | Kit, Starter Drive (Includes Parts Marked *) |

* - Parts Included in Starter

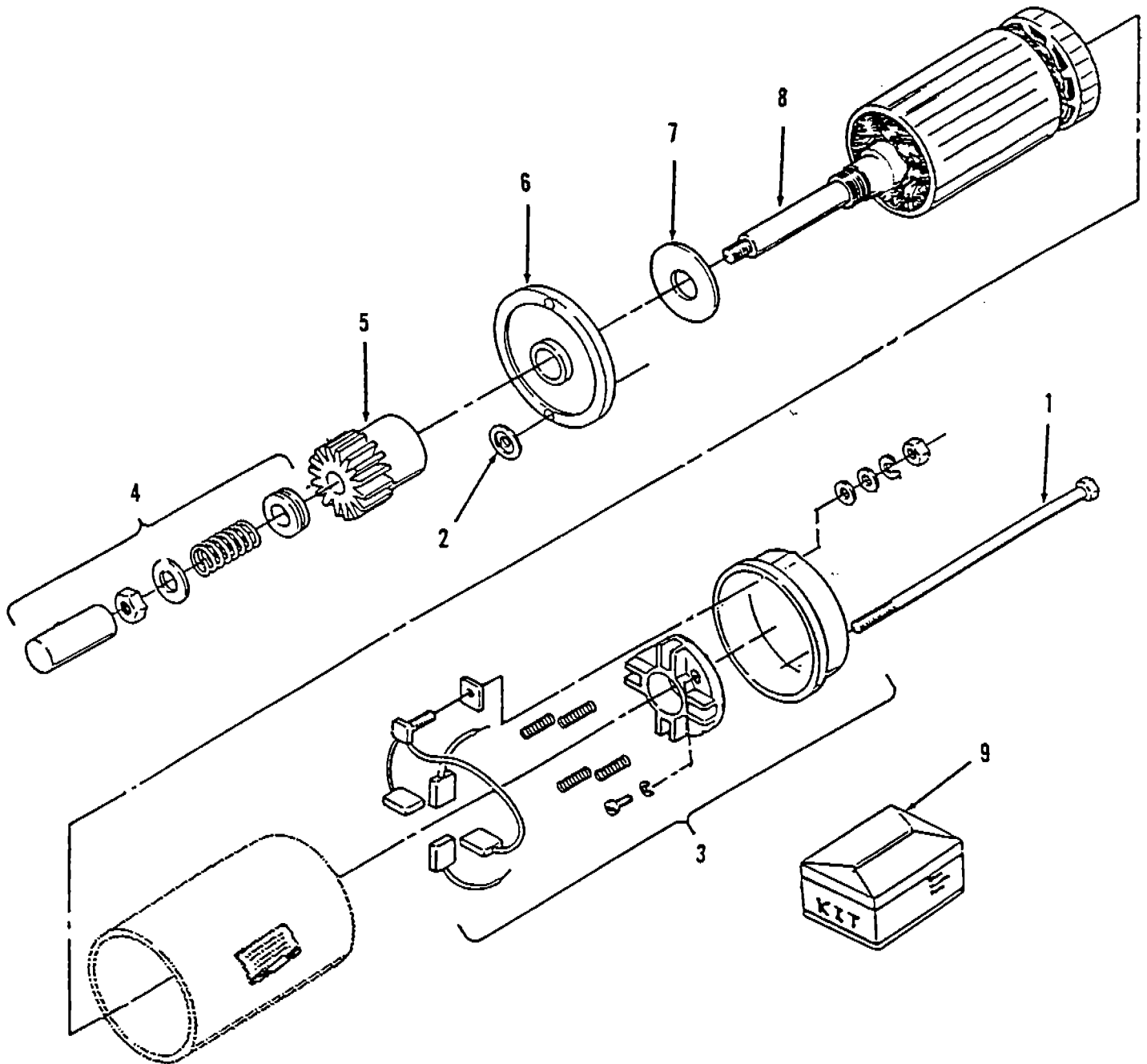
191-1682
-01 Thru -05



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|
| 1 | 191-1765 | 1 | Hardware Kit, (Includes two Solenoid Mounting Screws, two Thru Bolts, Armature Shims, Pinion Collar and Retaining Ring) |
| 2 | 191-1809 | 1 | Solenoid Kit (Includes Solenoid and Spring Plunger) |
| 3 | 191-1762 | 1 | Bushing Kit (Includes Rear Cap with Bushing and Front Bushing) |

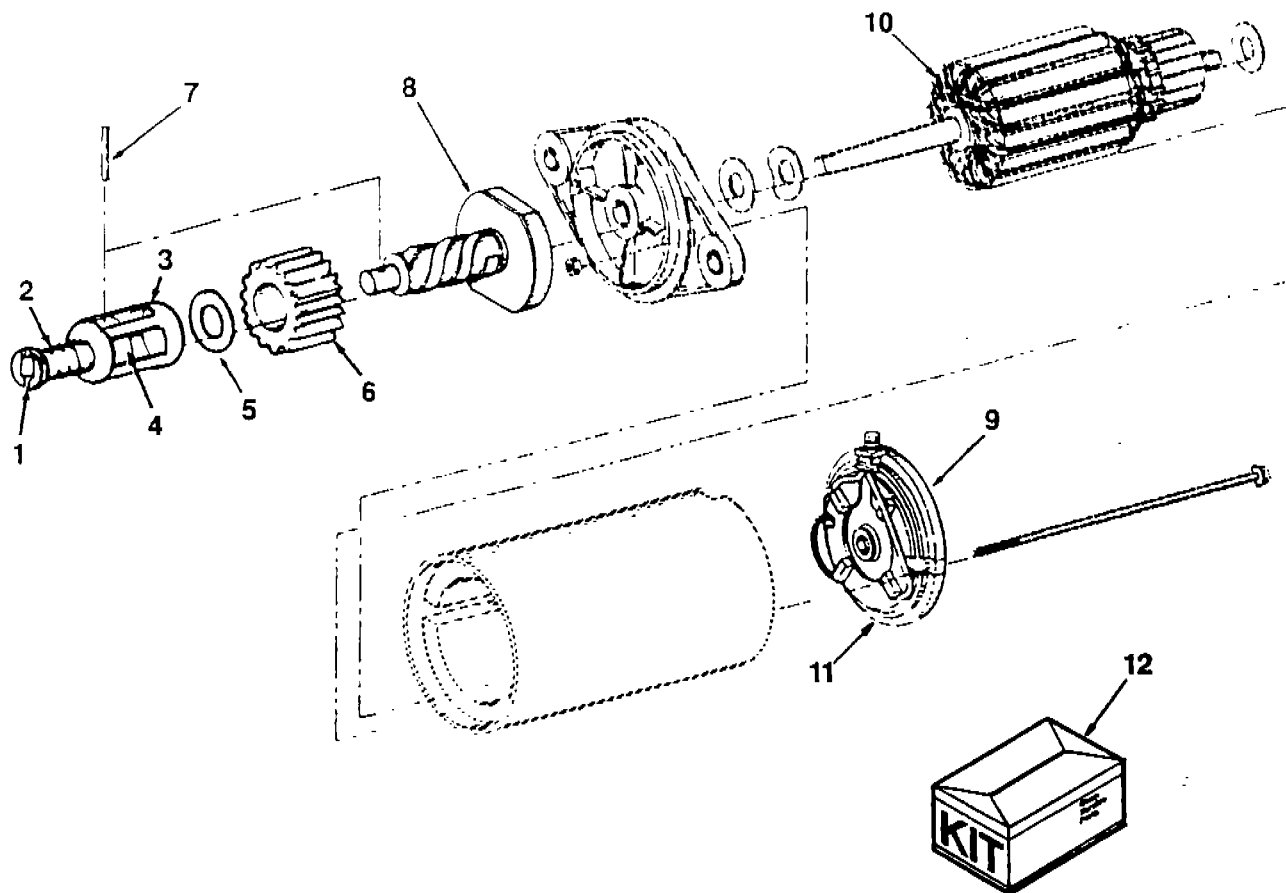
| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|
| 4 | 191-1764 | 1 | Holder, Brush (Includes Negative Brush) |
| 5 | 191-1763 | 1 | Brush Kit (Includes two Negative & two Positive Brushes) |
| 6 | 191-1766 | 1 | Lever Kit, Shift (Includes Lever, Wear Plate & Rubber Plug) |
| 7 | 191-1767 | 1 | Drive Assembly |

191-1797



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|---------|----------|----------|--|
| 1 | 191-1048 | 2 | Bolt, Hex Head | 5 | 191-1156 | 1 | Gear, Drive |
| 2 | 870-0438 | 2 | Retainer, Bolt | 6 | 191-1840 | 1 | Plate, End-Cap - Front |
| 3 | 191-1532 | 1 | Cap Assembly, End (Includes Cap, rusholder, Springs, Brushes, Terminal Hardware) | 7 | 191-1038 | 1 | Washer, Thrust |
| 4 | 191-1359 | 1 | Cover Assembly (Includes Dust Cover, Spring, Spacer, Nut) | 8 | 191-1039 | 1 | Armature |
| | | | | 9 | 191-1841 | 1 | Repair Kit (Includes Brush With Stud, Springs and Brushes) |

Starter Components

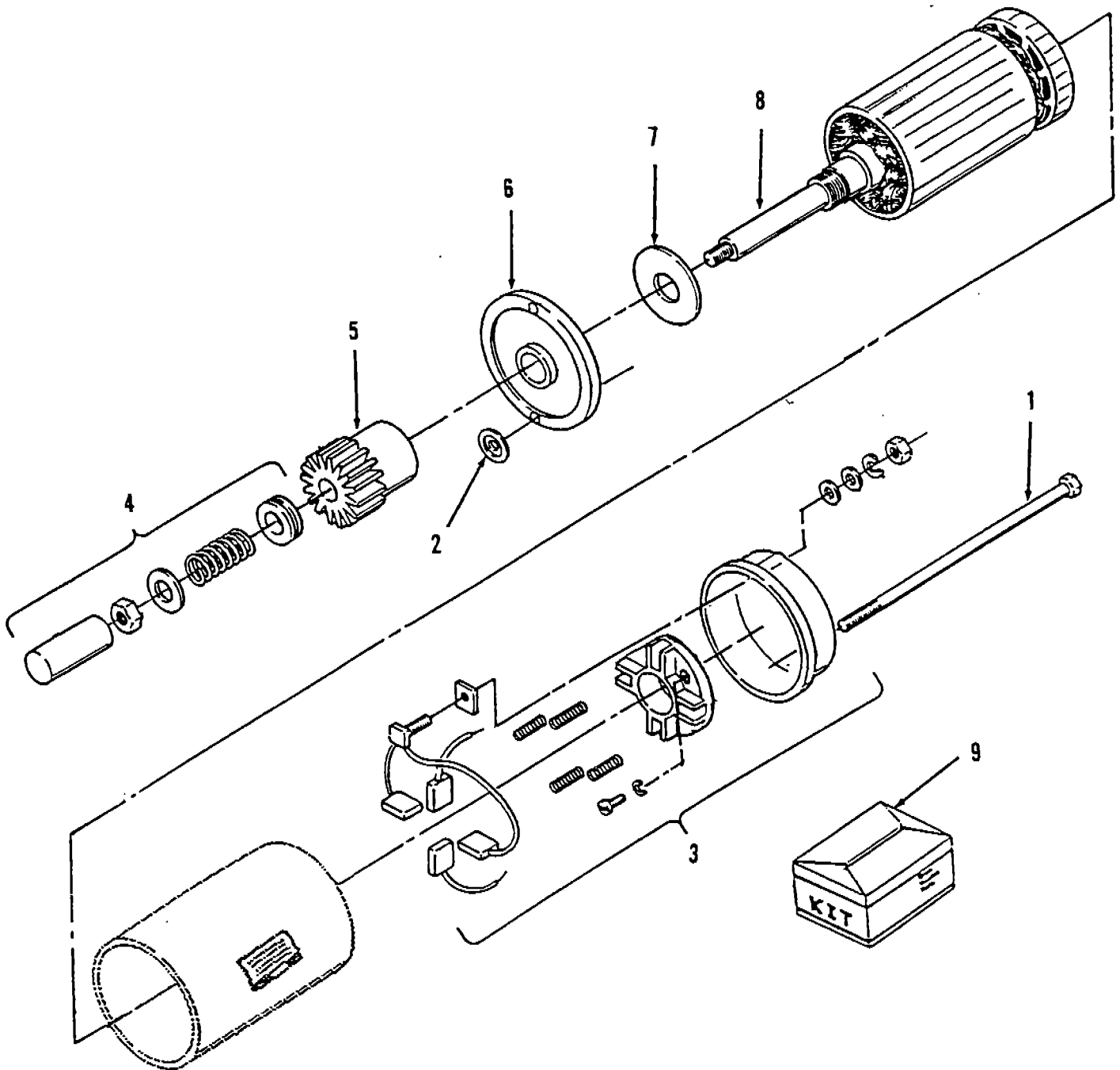


| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|-----------------|----------|------------------------|
| | <u>191-1798</u> | 1 | Starter, Complete (B1) |
| ✓ 1 | 191-1821 | 1 | Retainer, Spring |
| ✓ 2 | 191-1870 | 1 | Spring, Pinion |
| ✓ 3 | 191-1863 | 1 | Cover, Spring |
| ✓ 4 | 191-1864 | 1 | Retainer, Clutch |
| ✓ 5 | 191-1865 | 1 | Washer |
| ✓ 6 | 191-1868 | 1 | Gear, Starter |
| ✓ 7 | 191-1869 | 1 | Pin, Spiral Roll |

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|
| ✓ 8 | 191-1866 | 1 | Clutch and Spline |
| ✓ 9 | 191-1867 | 1 | Cap, End (Includes Brushes) |
| 10 | 191-2155 | 1 | Armature |
| 11 | 191-2156 | 1 | Cap Assy, Commutator |
| 12 | 191-2157 | 1 | Drive Kit (Includes Retainer, washers, Spring Cover, Clutch Retainer, Drive Pin) |

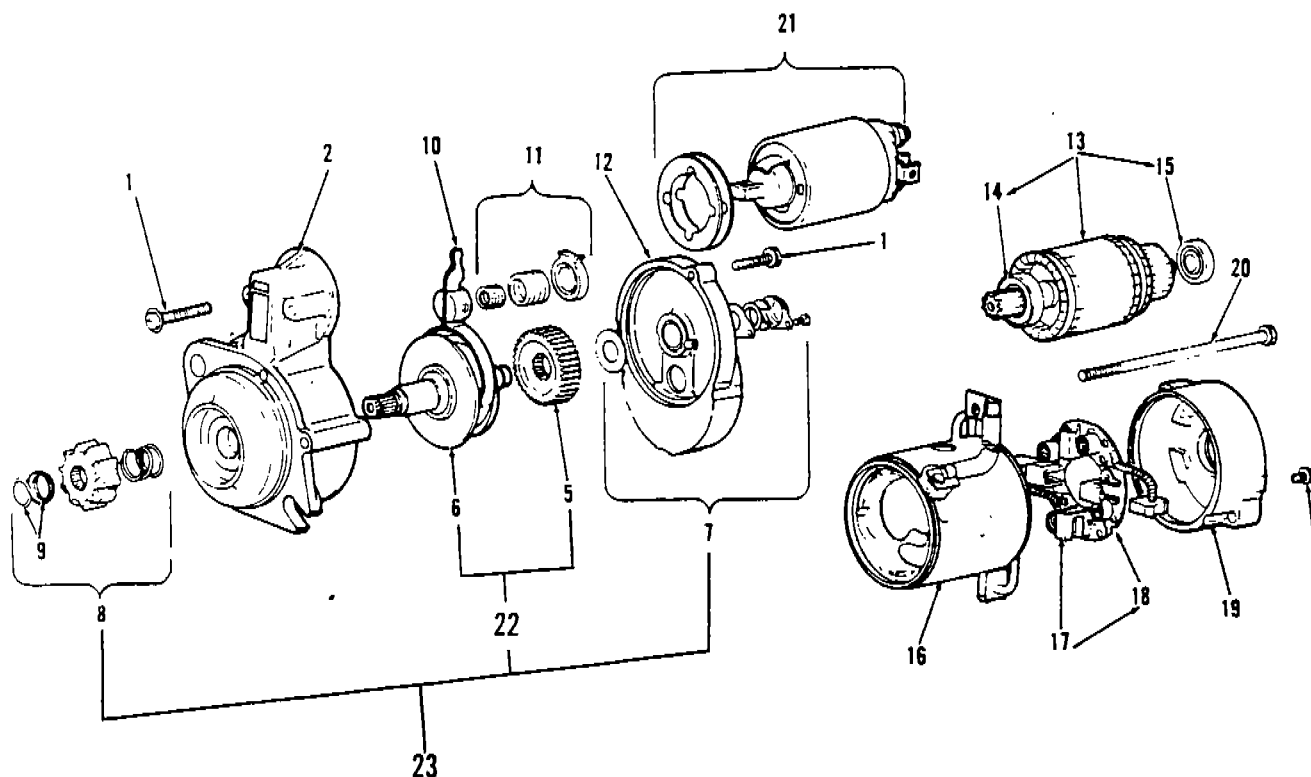
* - Parts Included in Carburetor. ~~and Cap Assy, Commutator~~
Ret Pin, Pin on Spring

191-1803



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|---------|----------|----------|--|
| 1 | 191-1048 | 2 | Bolt, Hex Head | 5 | 191-1156 | 1 | Gear, Drive |
| 2 | 870-0438 | 2 | Retainer, Bolt | 6 | 191-1840 | 1 | Plate, End-Cap - Front |
| 3 | 191-1532 | 1 | Cap Assembly, End (Includes Cap, rusholder, Springs, Brushes, Terminal Hardware) | 7 | 191-1038 | 1 | Washer, Thrust |
| 4 | 191-1359 | 1 | Cover Assembly (Includes Dust Cover, Spring, Rusholder, Bolt) | 8 | 191-1039 | 1 | Armature — 7.525" ± .20 |
| | | | | 9 | 191-1841 | 1 | Repair Kit (Includes Brush With Stud, Springs and Brushes) |

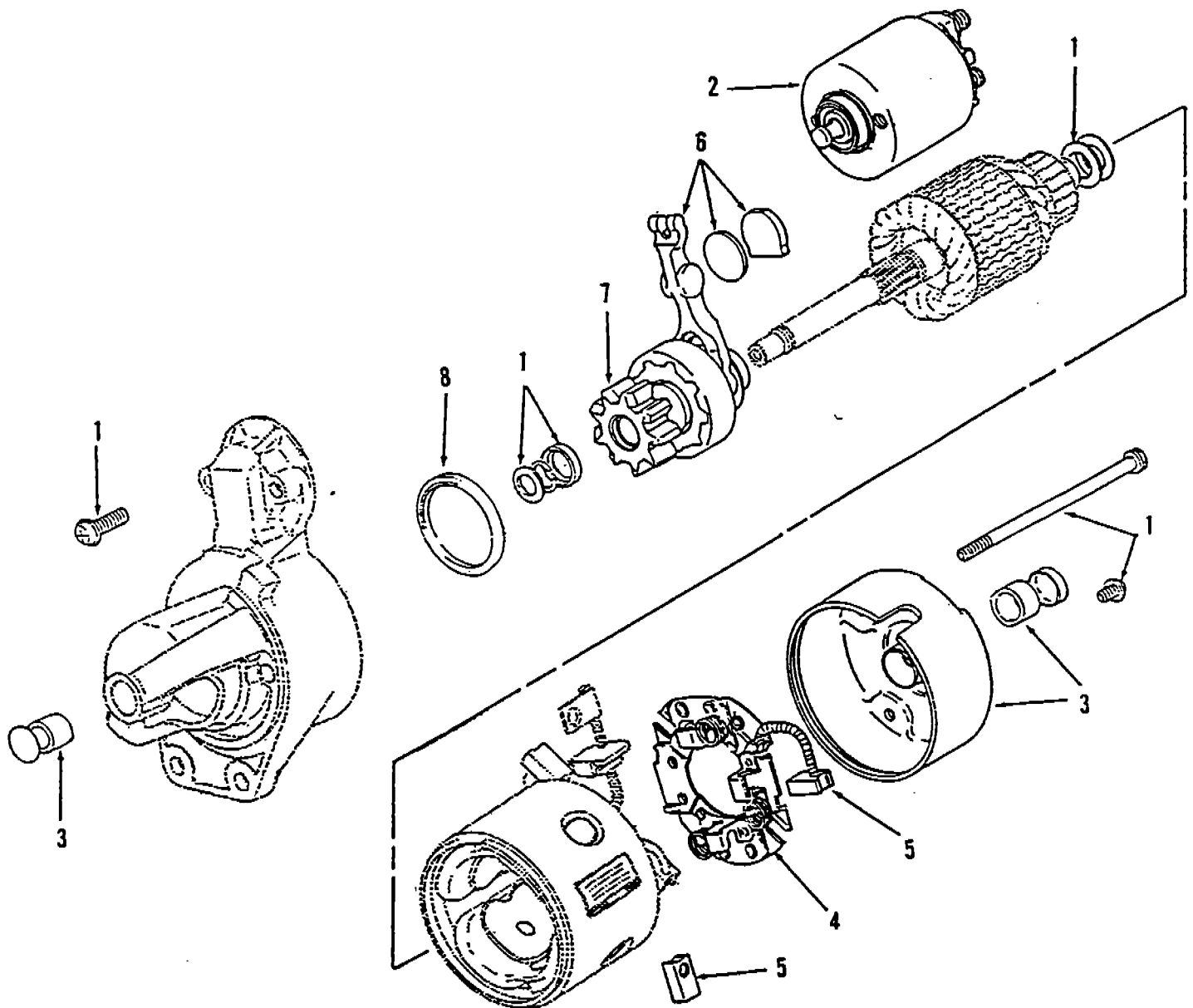
191-1807



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|
| 1 | 191-1450 | 1 | Screw Set |
| 2 | 191-1449 | 1 | Bracket Assembly, Front (Includes Bearing) |
| 5 | 191-1446 | 1 | Gear |
| 6 | 191-1445 | 1 | Clutch |
| 7 | 191-1444 | 1 | Cover Set (Includes Cover, Plate, Washers, Snap Ring, & Screws) |
| 8 | 191-1443 | 1 | Pinion Set (Includes Pinion, Spring, & Stopper Set) |
| 9 | 191-1442 | 1 | Stopper Set (Includes Stopper & Ring) |
| 10 | 191-1441 | 1 | Lever Assembly |
| 11 | 191-1440 | 1 | Spring Set |
| 12 | 191-1439 | 1 | Bracket Assembly, Center |

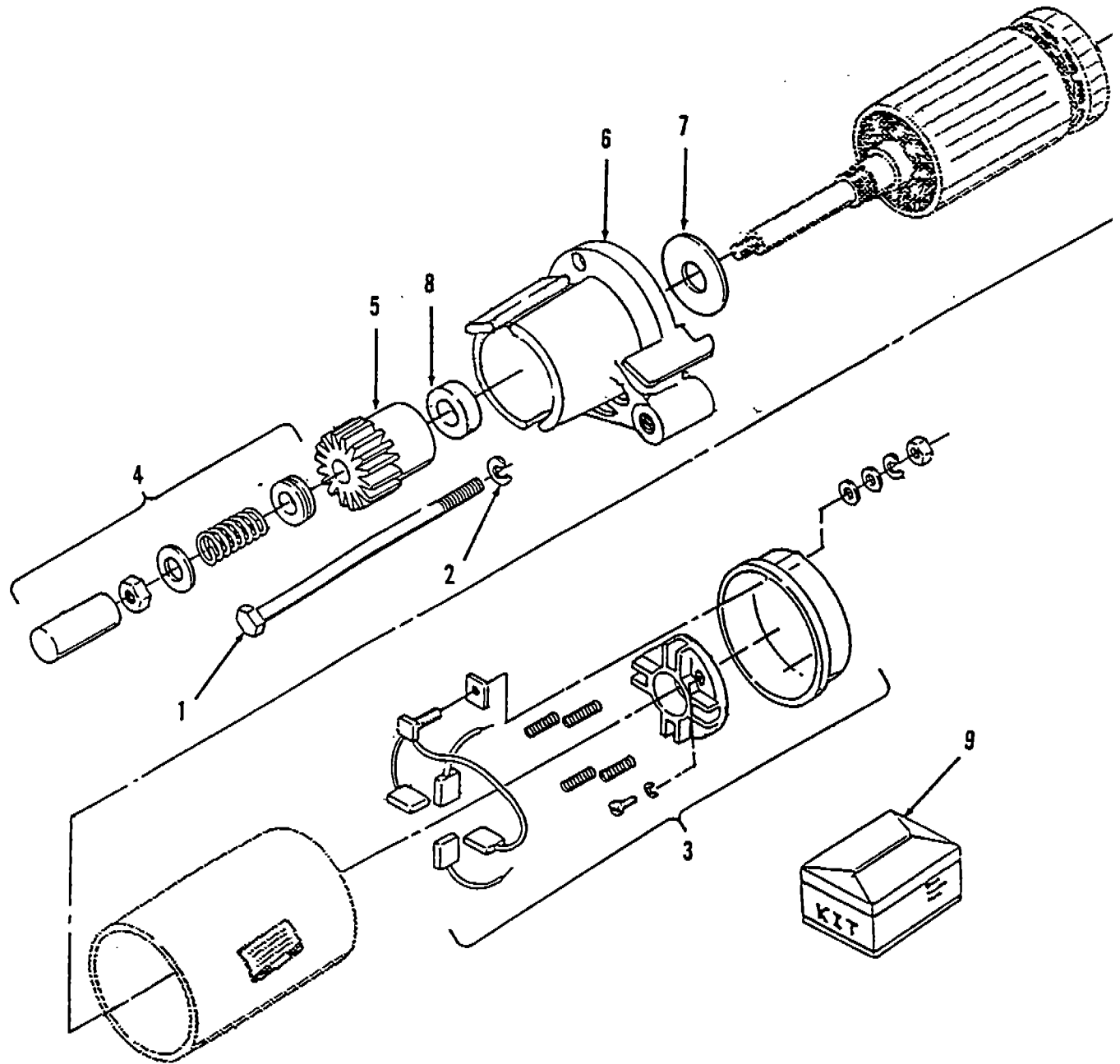
| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|
| 13 | 191-1854 | 1 | Armature Assembly (Includes Bearings) |
| 14 | 191-1437 | 1 | Bearing, Center |
| 15 | 191-1436 | 1 | Bearing, Rear |
| 16 | 191-1853 | 1 | Yoke Assembly, (Includes Pole Shoes, Field Coil & Positive Brushes) |
| 17 | 191-1852 | 1 | Holder, Brush (Includes Negative Brushes) |
| 18 | 191-1851 | 4 | Spring, Brush |
| 19 | 191-1432 | 1 | Bracket, Rear |
| 20 | 191-1850 | 1 | Bolt Set |
| 21 | 191-1430 | 1 | Switch, Solenoid |
| 22 | 191-1447 | 1 | Gear Set |
| 23 | 191-1448 | 1 | Drive Assembly |

191-1808
-01 Thru -05



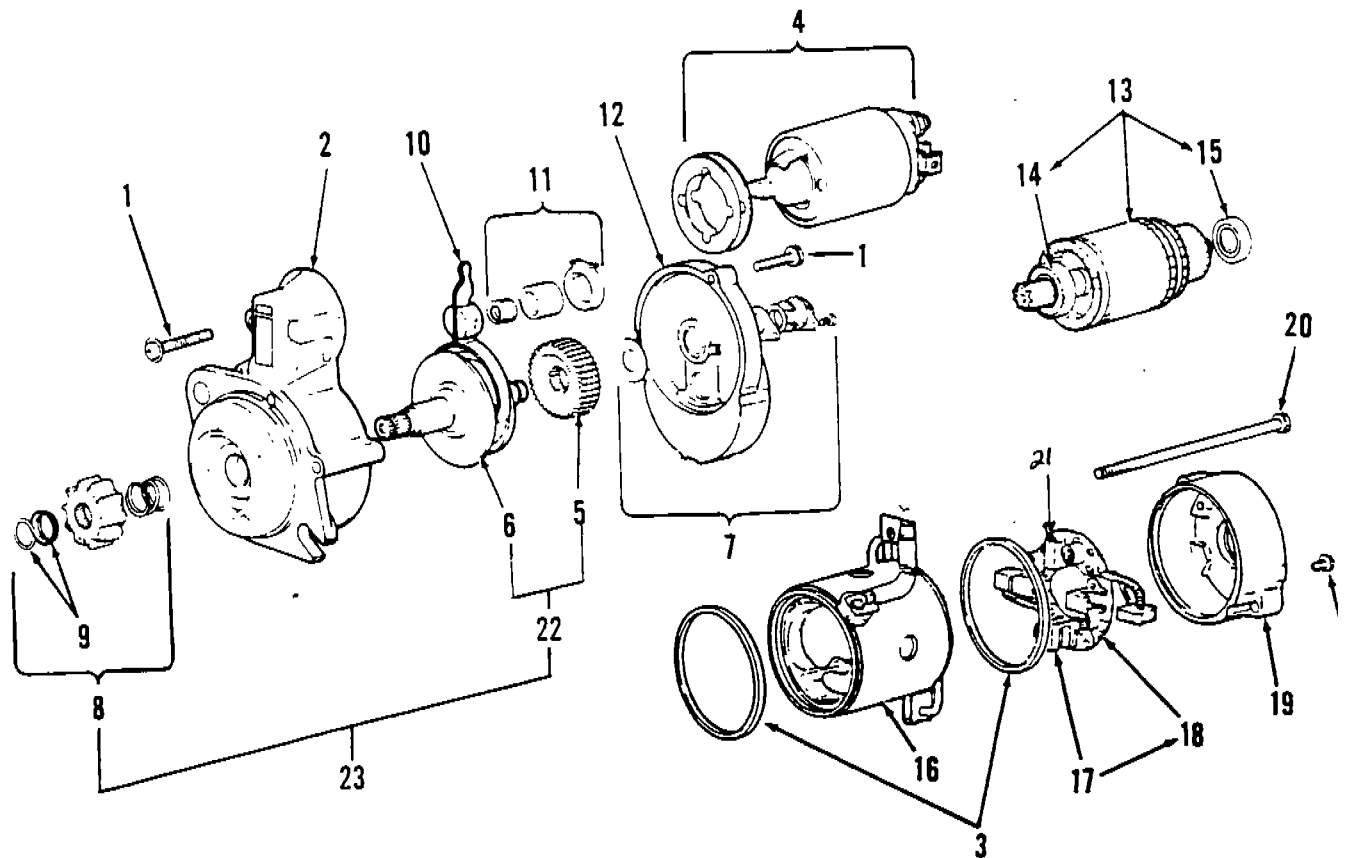
| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|---------|----------|----------|---|
| 1 | 191-1765 | 1 | Hardware Kit, (Includes two Solenoid Mounting Screws, two Thru Bolts, Armature Shims, Pinion Collar and Retaining Ring) | 4 | 191-1764 | 1 | Holder, Brush (Includes Negative Brush) |
| 2 | 191-1809 | 1 | Solenoid Kit (Includes Solenoid and Spring Plunger) | 5 | 191-1763 | 1 | Brush Kit (Includes two Negative & two Positive Brushes) |
| 3 | 191-1762 | 1 | Bushing Kit (Includes Rear Cap with Bushing and Front Bushing) | 6 | 191-1766 | 1 | Lever Kit, Shift (Includes Lever, Wear Plate & Rubber Plug) |
| | | | | 7 | 191-1810 | 1 | Drive Assembly |
| | | | | 8 | 191-1811 | 1 | Seal, Dust |

191-1828

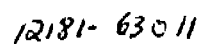


| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|--|---------|----------|----------|--|
| 1 | 191-1048 | 2 | Bolt, Hex Head | 5 | 191-1156 | 1 | Gear, Drive |
| 2 | 870-0438 | 2 | Retainer, Bolt | 6 | 191-1671 | 1 | Plate, End-Cap - Front |
| 3 | 191-1532 | 1 | Cap Assembly, End (Includes Cap, rusholder, Springs, Brushes, Terminal Hardware) | 7 | 191-1038 | 1 | Washer, Thrust |
| 4 | 191-1359 | 1 | Cover Assembly (Includes Dust Cover, Spring, Spacer, Nut & Washer) | 8 | 191-1534 | 1 | Seal, Dust |
| | | | | 9 | 191-1841 | 1 | Repair Kit (Includes Brush With Stud, Springs and Brushes) |

191-1888



| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|----------|----------|---|---------|----------|----------|--|
| 1 | 191-1450 | 1 | Screw Set | 12 | 191-1439 | 1 | Bracket Assembly, Center |
| 2 | 191-1449 | 1 | Bracket Assembly, Front (Includes Bearing) | 13 | 191-1438 | 1 | Armature Assembly (Include Bearings) |
| 3 | 191-1893 | 2 | Ring, "O" - Sealing | 14 | 191-1437 | 1 | Bearing, Center |
| 4 | 191-1430 | 1 | Switch, Solenoid | 15 | 191-1436 | 1 | Bearing, Rear |
| 5 | 191-1446 | 1 | Gear | 16 | 191-1435 | 1 | Yoke Assembly (Includes Po Shoes, Field Coil and Positive Brushes) |
| 6 | 191-1445 | 1 | Drive Assembly | 17 | 191-1434 | 1 | Holder, Brush (Includes Negative Brushes) |
| 7 | 191-1444 | 1 | Cover Set (Includes Cover Plate, Washers, Snap Ring and Screws) | 18 | 191-1433 | 4 | Spring, Brush |
| 8 | 191-1443 | 1 | Pinion Set (Includes Pinion, Spring and Stopper Set) | 19 | 191-1432 | 1 | Bracket, Rear |
| 9 | 191-1442 | 1 | Stopper Set (Includes Stopper and Ring) | 20 | 191-1431 | 1 | Bolt Set |
| 10 | 191-1441 | 1 | Lever Assembly | 21 | 191-1945 | 4 | Brush |
| 11 | 191-1440 | 1 | Spring Set | 22 | 191-1447 | 1 | Gear Set |
| | | | | 23 | 191-1448 | 1 | Drive Assembly |



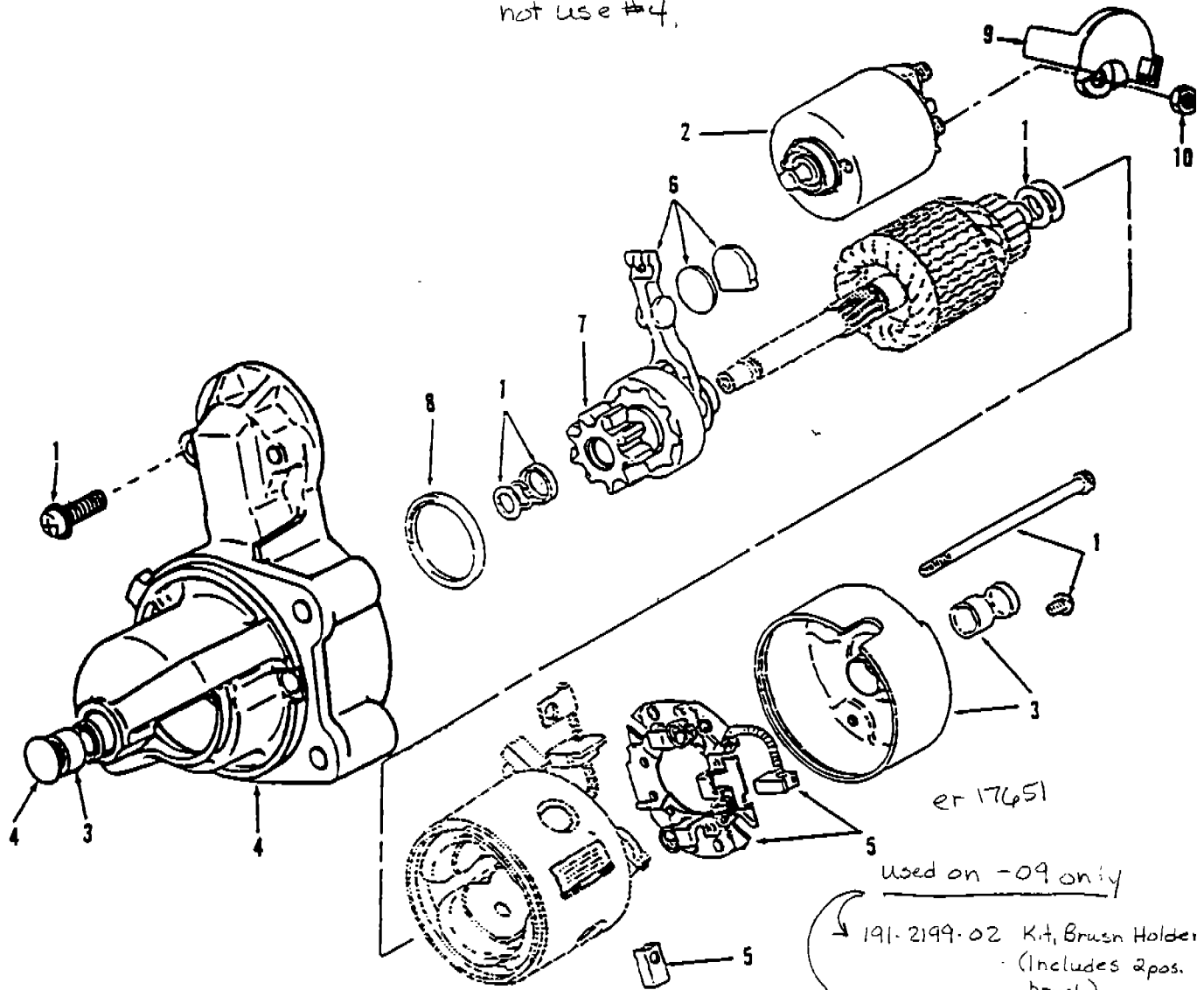
| REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|---------|------------------------------|----------|--------------------------|
| 11 | 185-2965 | 1 | Cover |
| 12 | 185-2656 | 1 | Lever, Drive |
| 13 | 185-2658 | 1 | Switch, Solenoid |
| 14 | 185-2660 | 2 | Bolt, Thru |
| 15 | 185-2334 | 2 | Nut |
| 16 | 185-2660 ⁸⁷⁰⁻⁰⁴⁶⁵ | 1 | Nut |
| 17 | 185-2637 ²³⁶⁷ | 1 | Nut |
| 18 | 185-2381 ⁶³⁵⁷ | 1 | Washer, Spring |
| 19 | 185-6386 | 1 | RING, SNAP (12181-63220) |
| 20 | 12181-63470 | 1 | WAT ASSY, P-1616 S&P |

Where, what, noonan p/m

Elite V-6000

191-1949
-01 Thru -08

-09 same but does
not use #4,



used on -09 only

191-2199-02 Kit, Brush Holder
(Includes 2 pos.
brush)
191-2199-01 Solenoid
(probably includes
per Jim T.)
Not
interchangeable
with -01-08

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|------------|-------------|-------------|---|------------|-------------|-------------|---|
| 1 | 191-1954 | 1 | Hardware Kit (Includes two Solenoid Mounting Screws, two Thru Bolts, Armature Shims, Pinion Stop Collar, Retaining Ring & Solenoid Terminal Nuts) | 5 | 191-1951 | 1 | Brush Kit (Includes two Negative and two Positive Brushes & Brush Holder) |
| 2 | 191-1956 | 1 | Solenoid Kit (Includes Solenoid & Spring Plunger) | 6 | 191-1766 | 1 | Lever Kit, Shift (Includes Lever, Wear Plate, Rubber Plug & Grease) |
| 3 | 191-1931 | 1 | Bushing Kit (Includes Rear Cap With Bushing & Front Bushing) | 7 | 191-1953 | 1 | Drive Kit (Includes Pinion Gear & Drive Assembly) |
| 4 | | | Bracket Kit, Mounting (Includes Front Bracket, Front Bushing Dust Seal, Thrust Washer, Cap | 8 | 191-1955 | 1 | Seal Kit, Dust (Includes IC OD Pinion Seals) |
| | | | plus 5 on http://stores.ebay.com/UsefulCDs | 9 | 191-1947 | 1 | Cap, Solenoid |
| | | | | 10 | 750-1006 | 1 | Nut, Hex (M8) |

-9 = Loss

191-1959

| REF NO. | PART NO. | QTY USED | PART DESCRIPTION | REF NO. | PART NO. | QTY USED | PART DESCRIPTION |
|------------|-------------|-------------|------------------------|------------|-------------|-------------|--------------------------|
| 1 | 191-1991 | 1 | Spring Set | 11 | 191-1439 | 1 | Bracket Assembly, Center |
| 2 | 191-1992 | 1 | Yoke Assembly | 12 | 191-1441 | 1 | Lever Assembly |
| 3 | 191-1993 | 1 | Holder Assembly, Brush | 13 | 191-1442 | 1 | Stopper Set |
| 4 | 191-1994 | 1 | Switch, Solenoid | 14 | 191-1444 | 1 | Cover Set |
| 5 | 191-1431 | 1 | Bolt Set | 15 | 191-1445 | 1 | Drive Assembly |
| 6 | 191-1432 | 1 | Bracket, Rear | 16 | 191-1446 | 1 | Gear |
| 7 | 191-1433 | 1 | Spring, Brush | 17 | 191-1447 | 1 | Gear Set |
| 8 | 191-1436 | 1 | Bearing, Rear | 18 | 191-1448 | 1 | Drive Assembly |
| 9 | 191-1437 | 1 | Bearing, Center | 19 | 191-1949 | 1 | Bracket, Assembly, Front |
| 10 | 191-1438 | 1 | Armature | 20 | 191-1450 | 1 | Screw Set |